

Appendix I. Excluded Studies

| Reference | Exclusion Reason |
|--|------------------------------|
| Abdallah, F. W., Chan, V. W., Gandhi, R., Koshkin, A., Abbas, S., Brull, R. The analgesic effects of proximal, distal, or no sciatic nerve block on posterior knee pain after total knee arthroplasty: a double-blind placebo-controlled randomized trial. <i>Anesthesiology</i> . 2014;121(6):1302-1310. | Not intervention of interest |
| Abdallah, F. W., Chan, V. W., Koshkin, A., Abbas, S., Brull, R. Ultrasound-guided sciatic nerve block in overweight and obese patients: a randomized comparison of performance time between the infragluteal and subgluteal space techniques. <i>Regional anesthesia and pain medicine</i> . 2013;38(6):547-552. | Not intervention of interest |
| Abdallah, F. W., Halpern, S. H., Aoyama, K., Brull, R. Will the Real Benefits of Single-Shot Interscalene Block Please Stand Up? A Systematic Review and Meta-Analysis. <i>Anesthesia & Analgesia</i> . 2015;120(5):1114-29. | Not intervention of interest |
| Abdelshafi, M. E., Yosry, M., Elmulla, A. F., Al-Shahawy, E. A., Adou Aly, M., Eliewa, E. A. Relief of chronic shoulder pain: a comparative study of three approaches. <i>Middle East Journal of Anesthesiology</i> . 2011;21(1):83-92. | Not intervention of interest |
| Abram, S. E. Pain mechanisms in lumbar radiculopathy. <i>Anesthesia & Analgesia</i> . 1988;67(12):1135-7. | Not intervention of interest |
| Ackerman, W. E., 3rd, Ahmad, M. Recurrent postoperative CRPS I in patients with abnormal preoperative sympathetic function. <i>Journal of Hand Surgery - American Volume</i> . 2008;33(2):217-22. | Not intervention of interest |
| Ackmann, T., Von Doring, M., Teske, W., Ackermann, O., Muller, P., Von Schulze Pellengahr, C. Anatomy of the infrapatellar branch in relation to skin incisions and as the basis to treat neuropathic pain by cryodenervation. <i>Pain Physician</i> . 2014;17(3):E339-48. | Not appropriate population |
| Adam, F., Chauvin, M., Du Manoir, B., Langlois, M., Sessler, D. I., Fletcher, D. Small-dose ketamine infusion improves postoperative analgesia and rehabilitation after total knee arthroplasty. <i>Anesthesia & Analgesia</i> . 2005;100(2):475-80. | Not intervention of interest |
| Adam, F., Jaziri, S., Chauvin, M. Psoas abscess complicating femoral nerve block catheter. <i>Anesthesiology</i> . 2003;99(1):230-1. | Not intervention of interest |
| Adam, F., Menigaux, C., Sessler, D. I., Chauvin, M. A single preoperative dose of gabapentin (800 milligrams) does not augment postoperative analgesia in patients given interscalene brachial plexus blocks for arthroscopic shoulder surgery. <i>Anesthesia & Analgesia</i> . 2006;103(5):1278-82. | Not intervention of interest |

| Reference | Exclusion Reason |
|--|------------------------------|
| Adey-Wakeling, Z., Crotty, M., Shanahan, E. M. Suprascapular nerve block for shoulder pain in the first year after stroke: a randomized controlled trial. <i>Stroke</i> . 2013;44(11):3136-41. | Not intervention of interest |
| Adiguzel, E., Uran, A., Kesikburun, S., Koroglu, O., Demir, Y., Yasar, E. Knee pain relief with genicular nerve blockage in two brain injured patients with heterotopic ossification. <i>Brain Injury</i> . 2015;29(13-14):1736-9. | Publication type |
| Afridi, R. A., Masood, T., Ahmed, E., Obaidullah, A. M., Alvi, H. F. Comparison of the efficacy of single volar subcutaneous digital block and the dorsal two injections block. <i>Journal of Ayub Medical College, Abbottabad: JAMC</i> . 2014;26(1):88-91. | Not intervention of interest |
| Agarwal, V., Joseph, B. Recurrent migratory sympathetically maintained pain syndrome in a child: a case report. <i>Journal of Pediatric Orthopaedics, Part B</i> . 2006;15(1):73-4. | Not intervention of interest |
| Aghdashi, M. M., Mosaffa, F., Shokohi, S., Abbasivash, R., Hassani, E. Vertical infraclavicular block with local anesthetic injections at different currents. <i>Acta Medica Iranica</i> . 2014;52(12):927-30. | Not intervention of interest |
| Agrawal, Y., Russon, K., Chakrabarti, I., Kocheta, A. Intra-articular and portal infiltration versus wrist block for analgesia after arthroscopy of the wrist: a prospective RCT. <i>Bone & Joint Journal</i> . 2015;97-B(9):1250-6. | Not intervention of interest |
| Aguilar, J. L., Domingo, V., Samper, D., Roca, G., Vidal, F. Long-term brachial plexus anesthesia using a subcutaneous implantable injection system. Case report. <i>Regional Anesthesia</i> . 1995;20(3):242-5. | Not intervention of interest |
| Aguirre, J. A., Gresch, D., Popovici, A., Bernhard, J., Borgeat, A. Case scenario: compartment syndrome of the forearm in patient with an infraclavicular catheter: breakthrough pain as indicator. <i>Anesthesiology</i> . 2013;118(5):1198-205. | Not intervention of interest |
| Aguirre, J., Ruland, P., Ekatodramis, G., Borgeat, A. Volume-concentration studies should first be performed in hospitalized patients. <i>Regional Anesthesia & Pain Medicine</i> . 2009;34(6):605-6. | Not intervention of interest |
| Ahmad, Z., Siddiqui, N., Malik, S. S., Abdus-Samee, M., Tytherleigh-Strong, G., Rushton, N. Lateral epicondylitis: a review of pathology and management. <i>Bone & Joint Journal</i> . 2013;95-B(9):1158-64. | Publication type |
| Ahsan, Z. S., Carvalho, B., Yao, J. Incidence of failure of continuous peripheral nerve catheters for postoperative analgesia in upper extremity surgery. <i>Journal of Hand Surgery - American Volume</i> . 2014;39(2):324-9. | Not intervention of interest |
| Akatov, O. V., Dreval, O. N. Percutaneous radiofrequency destruction of the obturator nerve for treatment of pain caused by coxarthrosis. <i>Stereotactic & Functional Neurosurgery</i> . 1997;69(1-4 Pt 2):278-80. | Publication type |

| Reference | Exclusion Reason |
|--|---|
| Akbas, M., Luleci, N., Dere, K., Luleci, E., Ozdemir, U., Toman, H. Efficacy of pulsed radiofrequency treatment on the saphenous nerve in patients with chronic knee pain. <i>Journal of Back & Musculoskeletal Rehabilitation</i> . 2011;24(2):77-82. | No outcome of interest |
| Akin Takmaz, S., Babaoglu, G., Eren, A. Effectiveness of genicular nerves pulsed radio frequency ablation for treatment of persistent chronic pain after knee arthroplasty. <i>Pain practice</i> . 2018;Conference: 9th world congress of the world institute of pain, WIP. 2018. Ireland 18(Supplement 1):120. | Publication type |
| Akkaya, T., Ersan, O., Ozkan, D., Sahiner, Y., Akin, M., Gumus, H., Ates, Y. Saphenous nerve block is an effective regional technique for post-meniscectomy pain. <i>Knee Surgery, Sports Traumatology, Arthroscopy</i> . 2008;16(9):855-8. | Not intervention of interest |
| Akkaya, T., Unlu, E., Alptekin, A., Gumus, H. I., Umay, E., Cakci, A. Neurolytic phenol blockade of the obturator nerve for severe adductor spasticity. <i>Acta Anaesthesiologica Scandinavica</i> . 2010;54(1):79-85. | Observational study of harms, excluded because no evidence for the intervention |
| Akyol, Y., Ulus, Y., Durmus, D., Canturk, F., Bilgici, A., Kuru, O., Bek, Y. Effectiveness of microwave diathermy on pain, functional capacity, muscle strength, quality of life, and depression in patients with subacromial impingement syndrome: a randomized placebo-controlled clinical study. <i>Rheumatology International</i> . 2012;32(10):3007-16. | Not intervention of interest |
| Al-Nasser, B. Review of interscalene block for postoperative analgesia after shoulder surgery in obese patients. <i>Acta Anaesthesiologica Taiwanica: Official Journal of the Taiwan Society of Anesthesiologists</i> . 2012;50(1):29-34. | Not intervention of interest |
| Al-Nasser, B. A modified lateral approach for a single-shot sciatic nerve block in the popliteal fossa. <i>Journal of Clinical Anesthesia</i> . 2002;14(8):608-9. | Not intervention of interest |
| Al-Zahrani, T., Doais, K. S., Aljassir, F., Alshaygy, I., Albishi, W., Terkawi, A. S. Randomized clinical trial of continuous femoral nerve block combined with sciatic nerve block versus epidural analgesia for unilateral total knee arthroplasty. <i>Journal of arthroplasty</i> . 2015;30(1):149-154. | Not intervention of interest |
| Albayrak, I., Apiliogullari, S., Dal, C. N., Levendoglu, F., Ozerbil, O. M. Efficacy of Pulsed Radiofrequency Therapy to Dorsal Root Ganglion Adding to TENS and Exercise for Persistent Pain after Total Knee Arthroplasty. <i>The Journal of Knee Surgery</i> . 2017;30(2):134-142. | Not intervention of interest |
| Albrecht, E., Morfey, D., Brull, R. Reply to the Letter to the editor: Single-injection or continuous femoral nerve block for total knee arthroplasty?. <i>Clinical Orthopaedics & Related Research</i> . 2014;472(9):2901-2. | Not intervention of interest |
| Albrecht, E., Morfey, D., Chan, V., Gandhi, R., Koshkin, A., Chin, K. J., Robinson, S., Frascarolo, P., Brull, R. Single-injection or continuous femoral | Not intervention of interest |

| Reference | Exclusion Reason |
|--|---|
| nerve block for total knee arthroplasty?. <i>Clinical Orthopaedics & Related Research</i> . 2014;472(5):1384-93. | |
| Alcidi, L., Beneforti, E., Maresca, M., Santosuosso, U., Zoppi, M. Low power radiofrequency electromagnetic radiation for the treatment of pain due to osteoarthritis of the knee. <i>Reumatismo</i> . 2007;59(2):140-5. | Not intervention of interest |
| Alemanno, F., Ghisi, D., Fanelli, A., Faliva, A., Pergolotti, B., Bizzarri, F., Fanelli, G. Tramadol and 0.5% levobupivacaine for single-shot interscalene block: effects on postoperative analgesia in patients undergoing shoulder arthroplasty. <i>Minerva Anestesiologica</i> . 2012;78(3):291-6. | Not intervention of interest |
| Alemanno, F., Ghisi, D., Westermann, B., Bettoni, A., Fanelli, A., La Colla, L., Danelli, G., Cesana, B. M. The use of vitamin B1 as a perineural adjuvant to middle interscalene block for postoperative analgesia after shoulder surgery. <i>Acta Bio-Medica de l Ateneo Parmense</i> . 2016;87(1):22-7. | Not intervention of interest |
| Alexandre, A., Coro, L., Azuelos, A., Pellone, M. Percutaneous nucleoplasty for discoradicular conflict. <i>Acta Neurochirurgica - Supplement</i> . 2005;92 :83-6. | Not intervention of interest |
| Alhelail, M., Al-Salamah, M., Al-Mulhim, M., Al-Hamid, S. Comparison of bupivacaine and lidocaine with epinephrine for digital nerve blocks. <i>Emergency Medicine Journal</i> . 2009;26(5):347-50. | Not intervention of interest |
| Alimohammadi, H., Azizi, M. R., Safari, S., Amini, A., Kariman, H., Hatamabadi, H. R. Axillary nerve block in comparison with intravenous midazolam/fentanyl for painless reduction of upper extremity fractures. <i>Acta Medica Iranica</i> . 2014;52(2):122-4. | Not intervention of interest |
| Allart, E., Rogeau, C., Grauwin, M. Y., Nachef, N., Lannes, X., Rousseaux, M., Thevenon, A., Fontaine, C. Treatment of dystonia in extensor hallucis longus and digitorum muscles with neurotomy of the branches of the deep fibular nerve: Preliminary results. <i>Orthopaedics & traumatology, surgery & research</i> . 2015;101(3):341-4. | Observational study of harms, excluded because no evidence for the intervention |
| Allen, B. H., Fallat, L. M., Schwartz, S. M. Cryosurgery: an innovative technique for the treatment of plantar fasciitis. <i>Journal of Foot & Ankle Surgery</i> . 2007;46(2):75-9. | Observational study of harms, excluded because no evidence for the intervention |
| Allen, H. W., Liu, S. S., Ware, P. D., Nairn, C. S., Owens, B. D. Peripheral nerve blocks improve analgesia after total knee replacement surgery. <i>Anesthesia & Analgesia</i> . 1998;87(1):93-7. | Not intervention of interest |
| Allen, J. G., Denny, N. M., Oakman, N. Postoperative analgesia following total knee arthroplasty: a study comparing spinal anesthesia and combined sciatic femoral 3-in-1 block. <i>Regional anesthesia and pain medicine</i> . 1998;23(2):142-146. | Not intervention of interest |

| Reference | Exclusion Reason |
|---|------------------------------|
| Allen, Z. A., Shanahan, E. M., Crotty, M. Does suprascapular nerve block reduce shoulder pain following stroke: a double-blind randomised controlled trial with masked outcome assessment. <i>BMC Neurology</i> . 2010;10:83. | Not intervention of interest |
| Altintas, F., Bozkurt, P., Ipek, N., Yucel, A., Kaya, G. The efficacy of pre-versus postsurgical axillary block on postoperative pain in paediatric patients. <i>Paediatric Anaesthesia</i> . 2000;10(1):23-8. | Not intervention of interest |
| Alvarez, N. E. R., Ledesma, R. J. G., Hamaji, A., Hamaji, M. W. M., Vieira, J. E. Continuous femoral nerve blockade and single-shot sciatic nerve block promotes better analgesia and lower bleeding for total knee arthroplasty compared to intrathecal morphine: a randomized trial. <i>BMC anesthesiology</i> . 2017;17(1):64. | Not intervention of interest |
| Aly, T. A., Tanaka, Y., Aizawa, T., Ozawa, H., Kokubun, S. Medial superior cluneal nerve entrapment neuropathy in teenagers: a report of two cases. <i>Tohoku Journal of Experimental Medicine</i> . 2002;197(4):229-31. | Not intervention of interest |
| Amann, R., Schuligoi, R., Herzeg, G., Donnerer, J. Intraplantar injection of nerve growth factor into the rat hind paw: local edema and effects on thermal nociceptive threshold. <i>Pain</i> . 1996;64(2):323-9. | Not appropriate population |
| Amundson, A. W., Johnson, R. L., Abdel, M. P., Mantilla, C. B., Panchamia, J. K., Taunton, M. J., Kralovec, M. E., Hebl, J. R., Schroeder, D. R., Pagnano, M. W., Kopp, S. L. A Three-arm Randomized Clinical Trial Comparing Continuous Femoral Plus Single-injection Sciatic Peripheral Nerve Blocks versus Periarticular Injection with Ropivacaine or Liposomal Bupivacaine for Patients Undergoing Total Knee Arthroplasty. <i>Anesthesiology</i> . 2017;126(6):1139-1150. | Not intervention of interest |
| Andersen, H. L., Gyrn, J., Moller, L., Christensen, B., Zaric, D. Continuous saphenous nerve block as supplement to single-dose local infiltration analgesia for postoperative pain management after total knee arthroplasty. <i>Regional Anesthesia & Pain Medicine</i> . 2013;38(2):106-11. | Not intervention of interest |
| Andersen, H. L., Zaric, D. Reply to Dr Chelly. <i>Regional Anesthesia & Pain Medicine</i> . 2013;38(5):461-2. | Publication type |
| Andersen, H. L., Zaric, D. Reply to Dr Moore et al. <i>Regional Anesthesia & Pain Medicine</i> . 2013;38(4):371. | Publication type |
| Anderson, J. G., Bohay, D. R., Maskill, J. D., Gadkari, K. P., Hearty, T. M., Braaksma, W., Padley, M. A., Weaver, K. T. Complications After Popliteal Block for Foot and Ankle Surgery. <i>Foot & Ankle International</i> . 2015;36(10):1138-43. | Not intervention of interest |
| Andrades, P. R., Olguin, F. A., Calderon, W. Digital blocks with or without epinephrine. <i>Plastic & Reconstructive Surgery</i> . 2003;111(5):1769-70. | Not intervention of interest |

| Reference | Exclusion Reason |
|--|------------------------------|
| Andresen, R., Radmer, S., Nickel, J., Fischer, G., Brinckmann, W. [Ambulatory CT-assisted thoracic sympathetic block as an additional approach to treatment of complex regional pain syndromes after sport injuries]. <i>Sportverletzung Sportschaden</i> . 2009;23(1):35-40. | Not intervention of interest |
| Andresen, R., Radmer, S., Nickel, J., Fischer, G., Brinckmann, W. [Ambulatory CT-assisted thoracic sympathetic block as an additional approach to treatment of complex regional pain syndromes after sport injuries]. <i>Zeitschrift fur Orthopadie & Unfallchirurgie</i> . 2008;146(6):736-41. | Not in English |
| Anis, N., Chawki, N., Antoine, K. Use of radio-frequency ablation for the palliative treatment of sacral chordoma. <i>Ajnr: American Journal of Neuroradiology</i> . 2004;25(9):1589-91. | Not intervention of interest |
| Anker-Moller, E., Spangsberg, N., Dahl, J. B., Christensen, E. F., Schultz, P., Carlsson, P. Continuous blockade of the lumbar plexus after knee surgery: a comparison of the plasma concentrations and analgesic effect of bupivacaine 0.250% and 0.125%. <i>Acta Anaesthesiologica Scandinavica</i> . 1990;34(6):468-72. | Not intervention of interest |
| Anonymous., Editorial: Predicting response to sympathetic ablation. <i>Lancet</i> . 1974;1(7855):441-2. | Publication type |
| Anonymous., [The role of the continuous brachial plexus blockades in the treatment of the ulnar joints contractures in children with arthrogryposis]. <i>Anesteziologija i Reanimatologija</i> . 2012; (1):27-30. | Not intervention of interest |
| Anonymous., Lumbar plexus block after total knee replacement. <i>Anaesthesia</i> . 1991;46(9):793-4. | Not intervention of interest |
| Anonymous., Regional hip blockade. <i>Anaesthesia</i> . 1983;38(11):1098-100. | Not intervention of interest |
| Anonymous., The retracted ephapse. <i>Lancet</i> . 1978;2(8087):462. | Not intervention of interest |
| Antao, B., Rowlands, T. E., Singh, N. P., McCleary, A. J. Pelviureteric junction disruption as a complication of chemical lumbar sympathectomy. <i>Cardiovascular Surgery</i> . 2003;11(1):42-4. | Publication type |
| Antevy, P. M., Zuckerbraun, N. S., Saladino, R. A., Pitetti, R. D. Evaluation of a transthecal digital nerve block in the injured pediatric patient. <i>Pediatric Emergency Care</i> . 2010;26(3):177-80. | Not intervention of interest |
| Antonakakis, J. G., Sites, B. D., Shiffrin, J. Ultrasound-guided posterior approach for the placement of a continuous interscalene catheter. <i>Regional Anesthesia & Pain Medicine</i> . 2009;34(1):64-8. | Not intervention of interest |
| Antoni, M., Jenny, J. Y., Noll, E. Postoperative pain control by intra-articular local anesthesia versus femoral nerve block following total knee arthroplasty: impact on discharge. <i>Orthopaedics & traumatology, surgery & research</i> . 2014;100(3):313-6. | Not intervention of interest |

| Reference | Exclusion Reason |
|--|---|
| Anusic, S., Clemens, R. K., Meier, T. O., Amann-Vesti, B. R. Assessment of PTEN-associated vascular malformations in a patient with Bannayan-Riley-Ruvalcaba syndrome. <i>BMJ Case Reports</i> . 2016;29 :29. | Not intervention of interest |
| Apan, A., Ozcan, S., Buyukkocak, U., Anbarci, O., Basar, H. Perioperative intravenous adenosine infusion to extend postoperative analgesia in brachial plexus block. <i>European Journal of Anaesthesiology</i> . 2003;20(11):916-9. | Not intervention of interest |
| Apsingi, S., Dussa, C. U. Can peripheral nerve blocks contribute to heel ulcers following total knee replacement?. <i>Acta Orthopaedica Belgica</i> . 2004;70(5):502-4. | Not intervention of interest |
| Arab, S. A., Alharbi, M. K., Nada, E. M., Alrefai, D. A., Mowafi, H. A. Ultrasound-guided supraclavicular brachial plexus block: single versus triple injection technique for upper limb arteriovenous access surgery. <i>Anesthesia & Analgesia</i> . 2014;118(5):1120-5. | Not intervention of interest |
| Arcand, G., Williams, S. R., Chouinard, P., Boudreault, D., Harris, P., Ruel, M., Girard, F. Ultrasound-guided infraclavicular versus supraclavicular block. <i>Anesthesia & Analgesia</i> . 2005;101(3):886-90, table of contents. | Not intervention of interest |
| Arenas-Prat, J. Denervation of the metacarpophalangeal joint. <i>Techniques in Hand & Upper Extremity Surgery</i> . 2014;18(4):158-9. | Publication type |
| Arenas-Prat, J. M. Denervation of the distal interphalangeal joint. <i>Techniques in Hand & Upper Extremity Surgery</i> . 2012;16(1):12-3. | Publication type |
| Arenas-Prat, J. M. Wagner approach for first carpometacarpal joint denervation. <i>Techniques in Hand & Upper Extremity Surgery</i> . 2012;16(2):107-9. | Observational study of harms, excluded because no evidence for the intervention |
| Arican, S., Hacibeyoglu, G., Akkoyun Sert, O., Tuncer Uzun, S., Reisli, R. Fluoroscopy-guided genicular nerves pulsed radiofrequency for chronic knee pain treatment: a preliminary report. <i>Pain practice</i> . 2018;Conference: 9th world congress of the world institute of pain, WIP. 2018. Ireland 18(Supplement 1):53. | Publication type |
| Arirachakaran, A., Sangkaew, C., Kongtharvonskul, J. Patellofemoral resurfacing and patellar denervation in primary total knee arthroplasty. <i>Knee Surgery, Sports Traumatology, Arthroscopy</i> . 2015;23(6):1770-81. | Not intervention of interest |
| Armstrong, P. J., Morton, C. P., Nimmo, A. F. Pethidine has a local anaesthetic action on peripheral nerves in vivo. Addition to prilocaine 0.25% for intravenous regional anaesthesia in volunteers. <i>Anaesthesia</i> . 1993;48(5):382-6. | Not intervention of interest |

| Reference | Exclusion Reason |
|--|------------------------------|
| Aronson, P. L., Mistry, R. D. Author response to Letter to the editors, "Chondrotoxic effects of intra articular anesthetics in pediatric shoulders". <i>Pediatric Emergency Care</i> . 2014;30(9):675-6. | Not intervention of interest |
| Arthur, D. S., McNicol, L. R. Local anaesthetic techniques in paediatric surgery. <i>British Journal of Anaesthesia</i> . 1986;58(7):760-78. | Not intervention of interest |
| Ata, A. M., Onat, S. S., Ozcakar, L. Ultrasound-Guided Diagnosis and Treatment of Morton's Neuroma. <i>Pain Physician</i> . 2016;19(2):E355-8. | Not appropriate study design |
| Atim, A., Ergin, A., Kurt, E., Ozdemiroglu, Y., Guzeldemir, E. Comparison of sciatic psoas compartment block and sciatic femoral 3-in-1 block for knee arthroscopy. <i>Journal of Clinical Anesthesia</i> . 2007;19(8):591-5. | Not intervention of interest |
| Aubry, S., Dubut, J., Nueffer, J. P., Chaigneau, L., Vidal, C., Kastler, B. Prospective 1-year follow-up pilot study of CT-guided microwave ablation in the treatment of bone and soft-tissue malignant tumours. <i>European Radiology</i> . 2017;27(4):1477-1485. | Not intervention of interest |
| Austin, T., Franklin, A. Outpatient rehabilitation of pediatric complex regional pain syndrome. <i>Journal of Clinical Anesthesia</i> . 2013;25(6):514-5. | Not intervention of interest |
| Bagry, H., de la Cuadra Fontaine, J. C., Asenjo, J. F., Bracco, D., Carli, F. Effect of a continuous peripheral nerve block on the inflammatory response in knee arthroplasty. <i>Regional Anesthesia & Pain Medicine</i> . 2008;33(1):17-23. | Not intervention of interest |
| Bain, G. I., Rudkin, G., Comley, A. S., Heptinstall, R. J., Chittleborough, M. Digitally assisted acromioplasty: the effect of interscalene block on this new surgical technique. <i>Arthroscopy</i> . 2001;17(1):44-9. | Not intervention of interest |
| Banssillon, P. V. Femoral nerve block for postoperative analgesia after open knee surgery. <i>Canadian Journal of Anaesthesia</i> . 1988;35(4):439-40. | Not intervention of interest |
| Barbaric, K., Prutki, M., Starcevic, D., Seiwerth, S., Bojanic, I. [Rare Localization of Osteoid Osteoma--Distal Phalanx of the Ring Finger]. <i>Acta Medica Croatica</i> . 2016;70(3):191-5. | Not intervention of interest |
| Barber, F. A. Suprascapular nerve block for shoulder arthroscopy. <i>Arthroscopy</i> . 2005;21(8):1015. | Not intervention of interest |
| Bardakos, N. V. CORR () Insights: Is Local Infiltration Analgesia Superior to Peripheral Nerve Blockade for Pain Management after THA: A Network Meta-analysis. <i>Clinical Orthopaedics & Related Research</i> . 2016;474(2):517-9. | Not intervention of interest |
| Baron, J. A., Zloty, D. M. Bilateral type 1 complex regional pain syndrome after local nerve blocks for palmar hyperhidrosis. <i>Dermatologic Surgery</i> . 2009;35(5):885-7. | Not intervention of interest |
| Bartfield, J. M., Ford, D. T., Homer, P. J. Buffered versus plain lidocaine for digital nerve blocks. <i>Annals of Emergency Medicine</i> . 1993;22(2):216-9. | Not intervention of interest |

| Reference | Exclusion Reason |
|---|------------------------------|
| Barthelet, Y., Capdevila, X., Bernard, N., Biboulet, P., d'Athis, F. [Continuous analgesia with a femoral catheter: plexus or femoral block?]. <i>Annales Francaises d Anesthesie et de Reanimation</i> . 1998;17(10):1199-205. | Not intervention of interest |
| Bartynski, W. S., Kang, M. D., Rothfus, W. E. Adjacent double-nerve root contributions in unilateral lumbar radiculopathy. <i>Ajnr: American Journal of Neuroradiology</i> . 2010;31(2):327-33. | Not intervention of interest |
| Bashir, M. M., Khan, F. A., Afzal, S., Khan, B. A. Comparison of traditional two injections dorsal digital block with volar block. <i>Jcpsp, Journal of the College of Physicians & Surgeons - Pakistan</i> . 2008;18(12):768-70. | Not intervention of interest |
| Baskan, S., Cankaya, D., Unal, H., Yoldas, B., Taspinar, V., Deveci, A., Tabak, Y., Baydar, M. Comparison of continuous interscalene block and subacromial infusion of local anesthetic for postoperative analgesia after open shoulder surgery. <i>Journal of Orthopaedic Surgery</i> . 2017;25(1):2309499016684093. | Not intervention of interest |
| Basu, A., Bhalai, V., Stanislas, M., Harvey, I. A. Osteomyelitis following a haematoma block. <i>Injury</i> . 2003;34(1):79-82. | Not intervention of interest |
| Bateman, J. E. Denervation of the elbow joint for the relief of pain; a preliminary report. <i>Journal of Bone & Joint Surgery - British Volume</i> . 1948;30B(4):635-41. | No outcome of interest |
| Batzdorf, U., Brechner, V. L. Management of pain associated with the Pancoast syndrome. <i>American Journal of Surgery</i> . 1979;137(5):638-46. | Not intervention of interest |
| Bazin, J. E., Massoni, C., Bruelle, P., Fenies, V., Groslier, D., Schoeffler, P. The addition of opioids to local anaesthetics in brachial plexus block: the comparative effects of morphine, buprenorphine and sufentanil. <i>Anaesthesia</i> . 1997;52(9):858-62. | Not intervention of interest |
| Beaudet, V., Williams, S. R., Tetreault, P., Perrault, M. A. Perioperative interscalene block versus intra-articular injection of local anesthetics for postoperative analgesia in shoulder surgery. <i>Regional Anesthesia & Pain Medicine</i> . 2008;33(2):134-8. | Not intervention of interest |
| Beebe, M. J., Allen, R., Anderson, M. B., Swenson, J. D., Peters, C. L. Continuous femoral nerve block using 0.125% bupivacaine does not prevent early ambulation after total knee arthroplasty. <i>Clinical Orthopaedics & Related Research</i> . 2014;472(5):1394-9. | Not intervention of interest |
| Beglaibter, N., Berlatzky, Y., Zamir, O., Spira, R. M., Freund, H. R. Retroperitoneoscopic lumbar sympathectomy. <i>Journal of Vascular Surgery</i> . 2002;35(4):815-7. | No outcome of interest |
| Behan, F. C., Lo, C. H. Vascular dynamics of the keystone island flap: ongoing observations similar to sympathectomy. <i>ANZ Journal of Surgery</i> . 2009;79(11):861. | Not intervention of interest |

| Reference | Exclusion Reason |
|---|------------------------------|
| Bekler, H., Beyzadeoglu, T., Mercan, A. Groin flap immobilization by axillary brachial plexus block anesthesia. <i>Techniques in Hand & Upper Extremity Surgery</i> . 2008;12(2):68-70. | Not intervention of interest |
| Belena, J., Petersen, I., Cabeza, R., Nunez, M., Vidal, A. Migraine headache: a rare complication after cervicothoracic block. <i>Journal of Headache & Pain</i> . 2006;7(5):367-8. | Not intervention of interest |
| Belfer, I., Greco, C. M., Lokshin, A., Vulakovich, K., Landsittel, D., Dai, F., Crossett, L., Chelly, J. E. The design and methods of genetic studies on acute and chronic postoperative pain in patients after total knee replacement. <i>Pain Medicine</i> . 2014;15(9):1590-602. | Not intervention of interest |
| Bellini, M., Barbieri, M. Percutaneous cryoanalgesia in pain management: a case-series. <i>Anestezjologia Intensywna Terapia</i> . 2015;47(4):333-5. | Observational study n < 10 |
| Bellini, M., Barbieri, M. Cooled radiofrequency system relieves chronic knee osteoarthritis pain: the first case-series. <i>Anestezjologia Intensywna Terapia</i> . 2015;47(1):30-3. | Observational study n < 10 |
| Ben Amotz, O., Sammer, D. M. Salvage Operations for Wrist Ligament Injuries with Secondary Arthrosis. <i>Hand Clinics</i> . 2015;31(3):495-504. | Not intervention of interest |
| Bendtsen, T. F., Moriggl, B., Chan, V., Borglum, J. The Optimal Analgesic Block for Total Knee Arthroplasty. <i>Regional Anesthesia & Pain Medicine</i> . 2016;41(6):711-719. | Not intervention of interest |
| Bendtsen, T. F., Nielsen, T. D., Rohde, C. V., Kibak, K., Linde, F. Ultrasound guidance improves a continuous popliteal sciatic nerve block when compared with nerve stimulation. <i>Regional anesthesia and pain medicine</i> . 2011;36(2):181-4. | Not intervention of interest |
| Benohanian, A. What stands in the way of treating palmar hyperhidrosis as effectively as axillary hyperhidrosis with botulinum toxin type A. <i>Dermatology Online Journal</i> . 2009;15(4):12. | Not appropriate population |
| Benumof, J. L. Permanent loss of cervical spinal cord function associated with interscalene block performed under general anesthesia. <i>Anesthesiology</i> . 2000;93(6):1541-4. | Not intervention of interest |
| Benyamin, R., Kramer, J., Vallejo, R. A case of spinal cord stimulation in Raynaud's Phenomenon: can subthreshold sensory stimulation have an effect?. <i>Pain Physician</i> . 2007;10(3):473-8. | Not intervention of interest |
| Benzon, H. T. Importance of documenting complete sympathetic denervation after sympathectomy. <i>Anesthesia & Analgesia</i> . 1992;74(4):599-601. | Observational study n < 10 |

| Reference | Exclusion Reason |
|--|----------------------------------|
| Benzon, H. T., Braunschweig, R., Molloy, R. E. Delayed onset of epidural anesthesia in patients with back pain. <i>Anesthesia & Analgesia</i> . 1981;60(12):874-7. | Not intervention of interest |
| Berguer, R., Smit, R. Transaxillary sympathectomy (T2 to T4) for relief of vasospastic/sympathetic pain of upper extremities. <i>Surgery</i> . 1981;89(6):764-9. | Full text could not be retrieved |
| Berniere, J., Schrayner, S., Piana, F., Vialle, R., Murat, I. A new formula of age-related anatomical landmarks for blockade of the sciatic nerve in the popliteal fossa in children using the posterior approach. <i>Paediatric Anaesthesia</i> . 2008;18(7):602-5. | Not intervention of interest |
| Bert, J. M., Khetia, E., Dubbink, D. A. Interscalene block for shoulder surgery in physician-owned community ambulatory surgery centers. <i>Arthroscopy</i> . 2010;26(9):1149-52. | Not intervention of interest |
| Bertelli, J. A., Ghizoni, M. F. The possible role of regenerating axons in pain persistence after brachial plexus grafting. <i>Microsurgery</i> . 2010;30(7):532-6. | Not intervention of interest |
| Bertini, L., Borghi, B., Grossi, P., Casati, A., Fanelli, G. Continuous peripheral block in foot surgery. <i>Minerva Anestesiologica</i> . 2001;67(9 Suppl 1):103-8. | Not intervention of interest |
| Bethge, S., Stadler, R. [Long-pulsed frequency-doubled neodymium:YAG laser in treatment of superficial varicose veins. Initial clinical experiences]. <i>Hautarzt</i> . 1999;50(3):181-5. | Not intervention of interest |
| Bhatia, A., Hoydonckx, Y., Peng, P., Cohen, S. P. Radiofrequency Procedures to Relieve Chronic Hip Pain: An Evidence-Based Narrative Review. <i>Regional Anesthesia & Pain Medicine</i> . 2018;43(1):72-83. | Not appropriate study design |
| Bhatia, A., Peng, P., Cohen, S. P. Radiofrequency Procedures to Relieve Chronic Knee Pain: An Evidence-Based Narrative Review. <i>Regional Anesthesia & Pain Medicine</i> . 2016;41(4):501-10. | Not appropriate study design |
| Bigeleisen, P. E., Moayeri, N., Groen, G. J. Extraneural versus intraneural stimulation thresholds during ultrasound-guided supraclavicular block. <i>Anesthesiology</i> . 2009;110(6):1235-43. | Not intervention of interest |
| Bird, P., Rischmueller, M., Feletar, M., Grant, G., Staples, M. P., Hall, S. Real world treat to target strategy in rheumatoid arthritis: radiograph and MRI outcomes in three cohorts with 18 month follow up. <i>Arthritis and rheumatology. Conference: american college of rheumatology/association of rheumatology health professionals annual scientific meeting, ACR/ARHP</i> . 2016;68 :3299-3300. | Not intervention of interest |
| Birnbaum, J., Kip, M., Spies, C. D., Hein, O. V., Labs, K., Moeckel, G., Volk, T. The effect of stimulating versus nonstimulating catheters for continuous interscalene plexus blocks in short-term pain management. <i>Journal of Clinical Anesthesia</i> . 2007;19(6):434-9. | Not intervention of interest |

| Reference | Exclusion Reason |
|--|---|
| Bischofs, S., Zelenka, M., Sommer, C. Evaluation of topiramate as an anti-hyperalgesic and neuroprotective agent in the peripheral nervous system. <i>Journal of the Peripheral Nervous System</i> . 2004;9(2):70-8. | Not appropriate population |
| Black, P. Neurosurgical management of cancer pain. <i>Seminars in Oncology</i> . 1985;12(4):438-44. | Publication type |
| Blackledge, D. K., Masadeh, S. B., Lyons, M. C., 2nd, Miller, J. M. A preliminary review of the use of deep peroneal neurectomy for the treatment of painful midtarsal and tarsometatarsal arthritis. <i>Journal of Foot & Ankle Surgery</i> . 2012;51(4):464-7. | Observational study of harms, excluded because no evidence for the intervention |
| Blaivas, M., Adhikari, S., Lander, L. A prospective comparison of procedural sedation and ultrasound-guided interscalene nerve block for shoulder reduction in the emergency department. <i>Academic Emergency Medicine</i> . 2011;18(9):922-7. | Not intervention of interest |
| Blaivas, M., Lyon, M. Ultrasound-guided interscalene block for shoulder dislocation reduction in the ED. <i>American Journal of Emergency Medicine</i> . 2006;24(3):293-6. | Not intervention of interest |
| Blam, O., Bindra, R., Middleton, W., Gelberman, R. The occult dorsal carpal ganglion: usefulness of magnetic resonance imaging and ultrasound in diagnosis. <i>American Journal of Orthopedics (Chatham, Nj)</i> . 1998;27(2):107-10. | Not intervention of interest |
| Bloc, S., Garnier, T., Komly, B., Leclerc, P., Mercadal, L., Morel, B., Dhonneur, G. [Ultrasound-guided infraclavicular block: a preliminary study of feasibility]. <i>Annales Francaises d Anesthesie et de Reanimation</i> . 2007;26(7-8):627-32. | Not intervention of interest |
| Bloc, S., Mercadal, L., Garnier, T., Komly, B., Leclerc, P., Morel, B., Ecoffey, C., Dhonneur, G. Comfort of the patient during axillary blocks placement: a randomized comparison of the neurostimulation and the ultrasound guidance techniques. <i>European Journal of Anaesthesiology</i> . 2010;27(7):628-33. | Not intervention of interest |
| Blumberg, H., Hoffmann, U. [Diagnosis of sympathetic reflex dystrophy. Comparison of ischemia test and modified guanethidine blockade]. <i>Nervenarzt</i> . 1994;65(6):370-4. | Not intervention of interest |
| Blumberg, H., Hoffmann, U., Mohadjer, M., Scheremet, R. Sympathetic nervous system and pain: a clinical reappraisal. <i>Behavioral & Brain Sciences</i> . 1997;20(3):426-34; discussion 435-513. | Not intervention of interest |
| Blumenberg, R. M., Gelfand, M. L. Lumbar sympathectomy for limb salvage: a goal line stand. <i>American Journal of Surgery</i> . 1979;138(2):241-5. | Not intervention of interest |
| Blumenthal, S., Borgeat, A., Neudorfer, C., Bertolini, R., Espinosa, N., Aguirre, J. Additional femoral catheter in combination with popliteal | Not intervention of interest |

| Reference | Exclusion Reason |
|--|------------------------------|
| catheter for analgesia after major ankle surgery. <i>British Journal of Anaesthesia</i> . 2011;106(3):387-93. | |
| Blumenthal, S., Nadig, M., Borgeat, A. Pre-emptive analgesia produced by interscalene blockade. What failed: the block or the methods?. <i>European Journal of Anaesthesiology</i> . 2003;20(11):933-4; author reply 934. | Not intervention of interest |
| Blyth, M. J., Kinninmonth, A. W., Asante, D. K. Bier's block: a change of injection site. <i>Journal of Trauma-Injury Infection & Critical Care</i> . 1995;39(4):726-8. | Not intervention of interest |
| Boezaart, A. P. That which we call a rose by any other name would smell as sweet-and its thorns would hurt as much. <i>Regional Anesthesia & Pain Medicine</i> . 2009;34(1):3-7. | Publication type |
| Boezaart, A. P., De Beer, J. F., Nell, M. L. Early experience with continuous cervical paravertebral block using a stimulating catheter. <i>Regional Anesthesia & Pain Medicine</i> . 2003;28(5):406-13. | Not intervention of interest |
| Boezaart, A. P., Dell, P. C. Secondary block failure for upper extremity surgery: less is not more. <i>Journal of Hand Surgery - American Volume</i> . 2014;39(9):1887-8. | Not intervention of interest |
| Bogdanov, A., Loveland, R. Is there a place for interscalene block performed after induction of general anaesthesia?. <i>European Journal of Anaesthesiology</i> . 2005;22(2):107-10. | Not intervention of interest |
| Bogduk, N. Neck pain. <i>Australian Family Physician</i> . 1984;13(1):26-30. | Not appropriate population |
| Bogduk, N., Colman, R. R., Winer, C. E. An anatomical assessment of the "percutaneous rhizolysis" procedure. <i>Medical Journal of Australia</i> . 1977;1(12):397-9. | Not intervention of interest |
| Bogoch, E. R., Gross, D. K. Surgery of the hand in patients with systemic sclerosis: outcomes and considerations. <i>Journal of Rheumatology</i> . 2005;32(4):642-8. | Not intervention of interest |
| Bohler, U., Wienert, V. Dermofluorography as a possibility for therapeutic control following sympathectomy. <i>International Journal of Microcirculation: Clinical & Experimental</i> . 1996;16(4):195-7. | Not intervention of interest |
| Bohm, E. Transcutaneous electrical nerve stimulation in chronic pain after peripheral nerve injury. <i>Acta Neurochirurgica</i> . 1978;40(3-4):277-83. | Not intervention of interest |
| Bonet, A., Koo, M., Sabate, A., Otero, I., Bocos, J., Pi, A. Ultrasound-guided saphenous nerve block is an effective technique for perioperative analgesia in ambulatory arthroscopic surgery of the internal knee compartment. <i>Revista Espanola de Anestesiologia y Reanimacion</i> . 2015;62(8):428-35. | Not intervention of interest |

| Reference | Exclusion Reason |
|--|------------------------------|
| Bonjer, H. J., Hamming, J. F., du Bois, Najj, van Urk, H. Advantages of limited thoracoscopic sympathectomy. <i>Surgical Endoscopy</i> . 1996;10(7):721-3. | Not appropriate population |
| Bonutti, P. M., Seyler, T. M., Delanois, R. E., McMahon, M., McCarthy, J. C., Mont, M. A. Osteonecrosis of the knee after laser or radiofrequency-assisted arthroscopy: treatment with minimally invasive knee arthroplasty. <i>Journal of Bone & Joint Surgery - American Volume</i> . 2006;88 Suppl 3 :69-75. | Not intervention of interest |
| Borene, S. C., Rosenquist, R. W., Koorn, R., Haider, N., Boezaart, A. P. An indication for continuous cervical paravertebral block (posterior approach to the interscalene space).[Erratum appears in <i>Anesth Analg</i> . 2004 Jan;98(1):256]. <i>Anesthesia & Analgesia</i> . 2003;97(3):898-900. | Not intervention of interest |
| Borgeat, A. Single-Shot Interscalene Block: Light and Shadows. <i>Anesthesia & Analgesia</i> . 2015;120(5):995-6. | Not intervention of interest |
| Borgeat, A. Interscalene block following shoulder surgery. <i>Acta Anaesthesiologica Scandinavica</i> . 2000;44(4):495. | Not intervention of interest |
| Borgeat, A., Aguirre, J., Neudorfer, C., Jutzi, H. Severe brachial plexopathy after an ultrasound-guided single-injection nerve block for total shoulder arthroplasty in a patient with multiple sclerosis: what is the likely cause of this complication?. <i>Anesthesiology</i> . 2008;109(4):750-1; author reply 753. | Not intervention of interest |
| Borgeat, A., Dullenkopf, A., Ekatodramis, G., Nagy, L. Evaluation of the lateral modified approach for continuous interscalene block after shoulder surgery. <i>Anesthesiology</i> . 2003;99(2):436-42. | Not intervention of interest |
| Borgeat, A., Ekatodramis, G. Anaesthesia for shoulder surgery. <i>Best Practice & Research. Clinical Anaesthesiology</i> . 2002;16(2):211-25. | Not intervention of interest |
| Borgeat, A., Ekatodramis, G., Guzzella, S., Ruland, P., Votta-Velis, G., Aguirre, J. Deltoid, triceps, or both responses improve the success rate of the interscalene catheter surgical block compared with the biceps response. <i>British Journal of Anaesthesia</i> . 2012;109(6):975-80. | Not intervention of interest |
| Borgeat, A., Ekatodramis, G., Kalberer, F., Benz, C. Acute and nonacute complications associated with interscalene block and shoulder surgery: a prospective study. <i>Anesthesiology</i> . 2001;95(4):875-80. | Not intervention of interest |
| Borgeat, A., Kalberer, F., Jacob, H., Ruetsch, Y. A., Gerber, C. Patient-controlled interscalene analgesia with ropivacaine 0.2% versus bupivacaine 0.15% after major open shoulder surgery: the effects on hand motor function. <i>Anesthesia & Analgesia</i> . 2001;92(1):218-23. | Not intervention of interest |
| Borgeat, A., Singer, T. Comparison of intrathecal morphine and continuous femoral 3-in-1 block for pain after major knee surgery under spinal anaesthesia. <i>European Journal of Anaesthesiology</i> . 1999;16(2):144-5. | Not intervention of interest |

| Reference | Exclusion Reason |
|---|------------------------------|
| Borgeat, A., Tewes, E., Biasca, N., Gerber, C. Patient-controlled interscalene analgesia with ropivacaine after major shoulder surgery: PCIA vs PCA. <i>British Journal of Anaesthesia</i> . 1998;81(4):603-5. | Not intervention of interest |
| Borghi, B., D'Addabbo, M., White, P. F., Gallerani, P., Toccaceli, L., Raffaelli, W., Tognu, A., Fabbri, N., Mercuri, M. The use of prolonged peripheral neural blockade after lower extremity amputation: the effect on symptoms associated with phantom limb syndrome. <i>Anesthesia & Analgesia</i> . 2010;111(5):1308-15. | Not intervention of interest |
| Borghi, B., Facchini, F., Agnoletti, V., Adduci, A., Lambertini, A., Marini, E., Gallerani, P., Sassoli, V., Luppi, M., Casati, A. Pain relief and motor function during continuous interscalene analgesia after open shoulder surgery: a prospective, randomized, double-blind comparison between levobupivacaine 0.25%, and ropivacaine 0.25% or 0.4%. <i>European Journal of Anaesthesiology</i> . 2006;23(12):1005-9. | Not intervention of interest |
| Borglum, J., Bartholdy, A., Hautopp, H., Krogsgaard, M. R., Jensen, K. Ultrasound-guided continuous suprascapular nerve block for adhesive capsulitis: one case and a short topical review. <i>Acta Anaesthesiologica Scandinavica</i> . 2011;55(2):242-7. | Not intervention of interest |
| Bosdotter Enroth, S., Rystedt, A., Covaciu, L., Hymnelius, K., Rystedt, E., Nyberg, R., Naver, H., Swartling, C. Bilateral forearm intravenous regional anesthesia with prilocaine for botulinum toxin treatment of palmar hyperhidrosis. <i>Journal of the American Academy of Dermatology</i> . 2010;63(3):466-74. | Not intervention of interest |
| Bouaziz, H., Narchi, P., Mercier, F. J., Khoury, A., Poirier, T., Benhamou, D. The use of a selective axillary nerve block for outpatient hand surgery. <i>Anesthesia & Analgesia</i> . 1998;86(4):746-8. | Not intervention of interest |
| Bourke, D. L., Furman, W. R. Improved postoperative analgesia with morphine added to axillary block solution. <i>Journal of Clinical Anesthesia</i> . 1993;5(2):114-7. | Not intervention of interest |
| Bowens, C., Jr., Gupta, R. K., O'Byrne, W. T., Schildcrout, J. S., Shi, Y., Hawkins, J. J., Michaels, D. R., Berry, J. M. Selective local anesthetic placement using ultrasound guidance and neurostimulation for infraclavicular brachial plexus block. <i>Anesthesia & Analgesia</i> . 2010;110(5):1480-5. | Not intervention of interest |
| Boyles, R. E., Flynn, T. W., Whitman, J. M. Manipulation following regional interscalene anesthetic block for shoulder adhesive capsulitis: a case series. <i>Manual Therapy</i> . 2005;10(1):80-7. | Not intervention of interest |
| Boyles, R. E., Flynn, T. W., Whitman, J. M. Manipulation following regional interscalene anesthetic block for shoulder adhesive capsulitis: a case series. <i>Manual Therapy</i> . 2005;10(2):164-71. | Not intervention of interest |

| Reference | Exclusion Reason |
|--|-----------------------------------|
| Boztug, N., Bigat, Z., Ertok, E., Erman, M. Intrathecal ropivacaine versus ropivacaine plus fentanyl for out-patient arthroscopic knee surgery. <i>Journal of International Medical Research</i> . 2005;33(4):365-71. | Not intervention of interest |
| Bradnam, L., Shanahan, E. M., Hendy, K., Reed, A., Skipworth, T., Visser, A., Lennon, S. Afferent inhibition and cortical silent periods in shoulder primary motor cortex and effect of a suprascapular nerve block in people experiencing chronic shoulder pain. <i>Clinical Neurophysiology</i> . 2016;127(1):769-778. | Not intervention of interest |
| Braga-Silva, J., Roman, J. A., Padoin, A. V. Wrist denervation for painful conditions of the wrist. <i>Journal of Hand Surgery - American Volume</i> . 2011;36(6):961-6. | Outcome data cannot be abstracted |
| Brandl, F., Taeger, K. [The combination of general anesthesia and interscalene block in shoulder surgery]. <i>Anaesthesist</i> . 1991;40(10):537-42. | Not intervention of interest |
| Bregman, P. J. Radiofrequency thermoneurolysis for the treatment of Morton's neuroma. <i>Journal of Foot & Ankle Surgery</i> . 2012;51(3):405; author reply 405. | Publication type |
| Brenchat, A., Zamanillo, D., Hamon, M., Romero, L., Vela, J. M. Role of peripheral versus spinal 5-HT(7) receptors in the modulation of pain undersensitizing conditions. <i>European Journal of Pain</i> . 2012;16(1):72-81. | Not intervention of interest |
| Brenier, G., Salces, A., Magues, J. P., Fuzier, R. Peripheral nerve catheter entrapment is not always related to knotting. <i>Canadian Journal of Anaesthesia</i> . 2010;57(2):183-4. | Not intervention of interest |
| Brisbane, Orthopaedic, Sports Medicine Centre Writing, Committee, McMeniman, T. J., McMeniman, P. J., Myers, P. T., Hayes, D. A., Cavdarski, A., Wong, M. S., Wilson, A. J., Jones, M. A., Watts, M. C. Femoral nerve block vs fascia iliaca block for total knee arthroplasty postoperative pain control: a prospective, randomized controlled trial. <i>Journal of Arthroplasty</i> . 2010;25(8):1246-9. | Not intervention of interest |
| Broekhuysen, C. L., Fechner, M. R., Kerckamp, H. E. The use of a selective peripheral median nerve block for pain-free early active motion after hand surgery. <i>Journal of Hand Surgery - American Volume</i> . 2006;31(5):857-9. | Not intervention of interest |
| Broeng, L., Hansen, L. B. [Purulent coxitis after blockade treatment]. <i>Ugeskrift for Laeger</i> . 1991;153(35):2433-4. | Not intervention of interest |
| Broking, K. [Tips and Tricks - Anesthesiologic management in total knee replacement]. <i>Anesthesiologie, Intensivmedizin, Notfallmedizin, Schmerztherapie</i> . 2011;46(4):234-9. | Not intervention of interest |
| Bromage, P. R. Nerve physiology and control of pain. <i>Orthopedic Clinics of North America</i> . 1973;4(4):897-906. | Not intervention of interest |

| Reference | Exclusion Reason |
|--|------------------------------|
| Bromage, P. R., Melzack, R. Phantom limbs and the body schema. <i>Canadian Anaesthetists' Society Journal</i> . 1974;21(3):267-74. | Publication type |
| Brook, J., Dauphinee, D. M., Korpinen, J., Rawe, I. M. Pulsed radiofrequency electromagnetic field therapy: a potential novel treatment of plantar fasciitis. <i>Journal of Foot & Ankle Surgery</i> . 2012;51(3):312-6. | Not intervention of interest |
| Brown, A. R. Anaesthesia for procedures of the hand and elbow. <i>Best Practice & Research. Clinical Anaesthesiology</i> . 2002;16(2):227-46. | Not intervention of interest |
| Brown, A. R., Levine, W. N. Complication rates of scalene regional anesthesia. <i>Journal of Bone & Joint Surgery - American Volume</i> . 2002;84-A(10):1891-2; author reply 1892-3. | Not intervention of interest |
| Brown, D. L. Somatic or sympathetic block for reflex sympathetic dystrophy. Which is indicated?. <i>Hand Clinics</i> . 1997;13(3):485-97. | Not intervention of interest |
| Brown, M. L., Seyler, T. M., Allen, J., Plate, J. F., Henshaw, D. S., Lang, J. E. The Effect of Adductor-Canal-Blockade on Outcome after Medial Unicdylar Knee Arthroplasty: A Preliminary Study. <i>Bulletin of the Hospital for Joint Disease (2013)</i> . 2015;73(1):18-24. | Not intervention of interest |
| Bruin, G., McGuire, G. Low-volume interscalene brachial plexus block for perioperative shoulder pain. <i>Regional Anesthesia</i> . 1996;21(4):371. | Not intervention of interest |
| Bruns, J., Gruber, H. [Blockade of the suprascapular nerve in shoulder pain]. <i>Anesthesie, Intensivtherapie, Notfallmedizin</i> . 1989;24(2):100-2. | Not intervention of interest |
| Brutus, J. P., Baeten, Y., Chahidi, N., Kinnen, L., Ledoux, P., Moermans, J. P. Single injection digital block: comparison between three techniques. <i>Chirurgie de la Main</i> . 2002;21(3):182-7. | Not intervention of interest |
| Bryan, N. A., Swenson, J. D., Greis, P. E., Burks, R. T. Indwelling interscalene catheter use in an outpatient setting for shoulder surgery: technique, efficacy, and complications. <i>Journal of Shoulder & Elbow Surgery</i> . 2007;16(4):388-95. | Not intervention of interest |
| Buck-Gramcko, D. Denervation of the wrist joint. <i>Journal of Hand Surgery - American Volume</i> . 1977;2(1):54-61. | Publication type |
| Buckley, D. Evaluation of local anaesthetic infiltration for cryosurgery of hand warts: a prospective comparative study. <i>Irish Journal of Medical Science</i> . 2016;185(3):561-4. | Not intervention of interest |
| Buermann, A., Finney, L. A. Postcordotomy Allesthesia. <i>Neurology</i> . 1965;15:91-3. | Not intervention of interest |
| Buget, M. I., Eren, I., Kucukay, S. Regional anaesthesia in a Duchenne muscular dystrophy patient for upper extremity amputation. <i>Agri Dergisi</i> . 2014;26(4):191-5. | Not intervention of interest |

| Reference | Exclusion Reason |
|--|------------------------------|
| Burckett-St Laurant, D., Peng, P., Giron Arango, L., Niazi, A. U., Chan, V. W., Agur, A., Perlas, A. The Nerves of the Adductor Canal and the Innervation of the Knee: An Anatomic Study. <i>Regional Anesthesia & Pain Medicine</i> . 2016;41(3):321-7. | Not appropriate population |
| Busfield, B. T., Lee, G. H., Carrillo, M., Ortega, R., Kharrazi, F. D. Subacromial pain pump use with arthroscopic shoulder surgery: a short-term prospective study of complications in 583 patients. <i>Journal of Shoulder & Elbow Surgery</i> . 2008;17(6):860-2. | Not intervention of interest |
| Busfield, B. T., Romero, D. M. Pain pump use after shoulder arthroscopy as a cause of glenohumeral chondrolysis. <i>Arthroscopy</i> . 2009;25(6):647-52. | Not intervention of interest |
| Butler-Manuel, P. A., Justins, D., Heatley, F. W. Sympathetically mediated anterior knee pain. Scintigraphy and anesthetic blockade in 19 patients. <i>Acta Orthopaedica Scandinavica</i> . 1992;63(1):90-3. | Not intervention of interest |
| Buttner, J., Klose, R., Hammer, H. [Continuous axillary catheter plexus anesthesia--a method of postoperative analgesia and sympathetic nerve block following hand surgery]. <i>Handchirurgie, Mikrochirurgie, Plastische Chirurgie</i> . 1989;21(1):29-32. | Not intervention of interest |
| Byreddy, R. R., Harper, C. M., White, S. M. Psoas compartment block for lower extremity surgery. <i>British Journal of Anaesthesia</i> . 2009;102(5):721; author reply 721-2. | Not intervention of interest |
| Byrne, J., Walsh, T. N., Hederman, W. P. Thoracoscopic sympathectomy. <i>Endoscopic Surgery & Allied Technologies</i> . 1993;1(5-6):261-5. | Not appropriate population |
| Byrne, K. Letter to the editor: Single-injection or continuous femoral nerve block for total knee arthroplasty?. <i>Clinical Orthopaedics & Related Research</i> . 2014;472(9):2899-900. | Not intervention of interest |
| Cadogan, A., Laslett, M., Hing, W. A., McNair, P. J., Coates, M. H. A prospective study of shoulder pain in primary care: prevalence of imaged pathology and response to guided diagnostic blocks. <i>BMC Musculoskeletal Disorders</i> . 2011;12 :119. | Not intervention of interest |
| Calava, J. M., Patt, R. B., Reddy, S., Varma, D. G., Chiang, J. Psoas sheath chemical neurolysis for management of intractable leg pain from metastatic liposarcoma. <i>Clinical Journal of Pain</i> . 1996;12(1):69-75. | Publication type |
| Calder, K., Chung, B., O'Brien, C., Lalonde, D. H. Bupivacaine digital blocks: how long is the pain relief and temperature elevation?. <i>Plastic & Reconstructive Surgery</i> . 2013;131(5):1098-104. | Not intervention of interest |
| Calvillo, O., Raczy, G., Didie, J., Smith, K. Neuroaugmentation in the treatment of complex regional pain syndrome of the upper extremity. <i>Acta Orthopaedica Belgica</i> . 1998;64(1):57-63. | Not intervention of interest |

| Reference | Exclusion Reason |
|---|----------------------------------|
| Cameron, B. M. A Three Phase Evaluation of Pulsed, High Frequency, Radio Short Waves (Diapulse): 646 Patients. <i>American Journal of Orthopedics</i> . 1964;6 :72-8. | Full text could not be retrieved |
| Campanati, A., Lagalla, G., Penna, L., Gesuita, R., Offidani, A. Local neural block at the wrist for treatment of palmar hyperhidrosis with botulinum toxin: technical improvements. <i>Journal of the American Academy of Dermatology</i> . 2004;51(3):345-8. | Not intervention of interest |
| Canakci, E., Unal, D., Guzel, Y. The Effect of Unilateral Spinal Anaesthesia and Psoas Compartment with Sciatic Block on the Postoperative Pain Management in Total Knee Artroplastic Surgery. <i>Pain research & management</i> . 2017;2017(4127424): . | Not intervention of interest |
| Candal-Couto, J. J., McVie, J. L., Haslam, N., Innes, A. R., Rushmer, J. Pre-operative analgesia for patients with femoral neck fractures using a modified fascia iliaca block technique. <i>Injury</i> . 2005;36(4):505-10. | Not intervention of interest |
| Candido, K. D., Hennes, J., Gonzalez, S., Mikat-Stevens, M., Pinzur, M., Vasic, V., Knezevic, N. N. Buprenorphine enhances and prolongs the postoperative analgesic effect of bupivacaine in patients receiving infragluteal sciatic nerve block. <i>Anesthesiology</i> . 2010;113(6):1419-26. | Not intervention of interest |
| Candido, K. D., Winnie, A. P., Covino, B. G., Raza, S. M., Vasireddy, A. R., Masters, R. W. Addition of bicarbonate to plain bupivacaine does not significantly alter the onset or duration of plexus anesthesia. <i>Regional Anesthesia</i> . 1995;20(2):133-8. | Not intervention of interest |
| Canovas, L., Castro, M., Martinez-Salgado, J., Vila, S., Centeno, J., Rocha, F. Sciatica: intradiscal ozone administration associated with pulsed radiofrequency of the dorsal root ganglia compared with the isolated use of each of these two techniques. <i>Revista de la sociedad espanola del dolor</i> . 2009;16(3):141-146. | Full text could not be retrieved |
| Capdevila, X., Biboulet, P., Morau, D., Bernard, N., Deschodt, J., Lopez, S., d'Athis, F. Continuous three-in-one block for postoperative pain after lower limb orthopedic surgery: where do the catheters go?. <i>Anesthesia & Analgesia</i> . 2002;94(4):1001-6, table of contents. | Not intervention of interest |
| Capdevila, X., Macaire, P., Dadure, C., Choquet, O., Biboulet, P., Ryckwaert, Y., D'Athis, F. Continuous psoas compartment block for postoperative analgesia after total hip arthroplasty: new landmarks, technical guidelines, and clinical evaluation. <i>Anesthesia & Analgesia</i> . 2002;94(6):1606-13, table of contents. | Not intervention of interest |
| Cappelleri, G., Ambrosoli, A. L., Turconi, S., Gemma, M., Ricci, E. B., Cornaggia, G. Effect of local anesthetic dilution on the onset time and duration of double-injection sciatic nerve block: a prospective, | Not intervention of interest |

| Reference | Exclusion Reason |
|---|------------------------------|
| randomized, blinded evaluation. <i>Anesthesia & Analgesia</i> . 2014;119(2):489-93. | |
| Cappelleri, G., Ghisi, D., Fanelli, A., Albertin, A., Somalvico, F., Aldegheri, G. Does continuous sciatic nerve block improve postoperative analgesia and early rehabilitation after total knee arthroplasty? A prospective, randomized, double-blinded study. <i>Regional anesthesia and pain medicine</i> . 2011;36(5):489-92. | Not intervention of interest |
| Carli, F., Chora, D., Awasthi, R., Asenjo, J. F., Ingelmo, P. Preoperative pulse and thermal radiofrequency facilitates prehabilitation and subsequent rehabilitation of a patient scheduled for total knee arthroplasty. <i>Canadian Journal of Anaesthesia</i> . 2015;62(12):1355-6. | Publication type |
| Carli, F., Clemente, A., Asenjo, J. F., Kim, D. J., Mistracchi, G., Gomasasca, M., Morabito, A., Tanzer, M. Analgesia and functional outcome after total knee arthroplasty: periarticular infiltration vs continuous femoral nerve block. <i>British Journal of Anaesthesia</i> . 2010;105(2):185-95. | Not intervention of interest |
| Carr, A. S., Fear, D. W., Sikich, N., Bissonnette, B. Bupivacaine 0.125% produces motor block and weakness with fentanyl epidural analgesia in children. <i>Canadian Journal of Anaesthesia</i> . 1998;45(11):1054-60. | Not intervention of interest |
| Carr, D., Davis, P. Distal posterior interosseous nerve syndrome. <i>Journal of Hand Surgery - American Volume</i> . 1985;10(6 Pt 1):873-8. | Not intervention of interest |
| Carrera, G. F. Lumbar facet joint injection in low back pain and sciatica: preliminary results. <i>Radiology</i> . 1980;137(3):665-7. | Not intervention of interest |
| Carrera, G. F. Lumbar facet joint injection in low back pain and sciatica: description of technique. <i>Radiology</i> . 1980;137(3):661-4. | Not intervention of interest |
| Carrera, G. F., Williams, A. L. Current concepts in evaluation of the lumbar facet joints. <i>Critical Reviews in Diagnostic Imaging</i> . 1984;21(2):85-104. | Not intervention of interest |
| Carron, H. Relieving pain with nerve blocks. <i>Geriatrics</i> . 1978;33(4):49-57. | Not intervention of interest |
| Carron, H., McCue, F. Reflex sympathetic dystrophy in a ten year old. <i>Southern Medical Journal</i> . 1972;65(5):631-2. | Not intervention of interest |
| Cartier, B., Cartier, P. Thoracoscopic cervicodorsal sympathectomy with diathermy. <i>Annals of Vascular Surgery</i> . 1999;13(6):582-5. | Observational study n < 10 |
| Carvalho, B., Ahsan, Z. S., Yao, J. In reply. <i>Journal of Hand Surgery - American Volume</i> . 2014;39(9):1888-9. | Publication type |
| Carvalho, B., Aleshi, P., Horstman, D. J., Angst, M. S. Effect of a preemptive femoral nerve block on cytokine release and hyperalgesia in experimentally inflamed skin of human volunteers. <i>Regional Anesthesia & Pain Medicine</i> . 2010;35(6):514-9. | Not intervention of interest |

| Reference | Exclusion Reason |
|--|------------------------------|
| Casati, A., Borghi, B., Fanelli, G., Cerchierini, E., Santorsola, R., Sassoli, V., Grispigni, C., Torri, G. A double-blinded, randomized comparison of either 0.5% levobupivacaine or 0.5% ropivacaine for sciatic nerve block. <i>Anesthesia and analgesia</i> . 2002;94(4):987-90. | Not intervention of interest |
| Casati, A., Borghi, B., Fanelli, G., Montone, N., Rotini, R., Frascini, G., Vinciguerra, F., Torri, G., Chelly, J. Interscalene brachial plexus anesthesia and analgesia for open shoulder surgery: a randomized, double-blinded comparison between levobupivacaine and ropivacaine. <i>Anesthesia & Analgesia</i> . 2003;96(1):253-9, table of contents. | Not intervention of interest |
| Casati, A., Fanelli, G., Koscielniak-Nielsen, Z., Cappelleri, G., Aldegheri, G., Danelli, G., Fuzier, R., Singelyn, F. Using stimulating catheters for continuous sciatic nerve block shortens onset time of surgical block and minimizes postoperative consumption of pain medication after halux valgus repair as compared with conventional nonstimulating catheters. <i>Anesthesia and analgesia</i> . 2005;101(4):1192-7. | Not intervention of interest |
| Casati, A., Leoni, A., Aldegheri, G., Berti, M., Torri, G., Fanelli, G. A double-blind study of axillary brachial plexus block by 0.75% ropivacaine or 2% mepivacaine. <i>European Journal of Anaesthesiology</i> . 1998;15(5):549-52. | Not intervention of interest |
| Casati, A., Magistris, L., Fanelli, G., Beccaria, P., Cappelleri, G., Aldegheri, G., Torri, G. Small-dose clonidine prolongs postoperative analgesia after sciatic-femoral nerve block with 0.75% ropivacaine for foot surgery. <i>Anesthesia and analgesia</i> . 2000;91(2):388-392. | Not intervention of interest |
| Casati, A., Vinciguerra, F., Cappelleri, G., Aldegheri, G., Grispigni, C., Putzu, M., Rivoltini, P. Levobupivacaine 0.2% or 0.125% for continuous sciatic nerve block: a prospective, randomized, double-blind comparison with 0.2% ropivacaine. <i>Anesthesia and analgesia</i> . 2004;99(3):919-23. | Not intervention of interest |
| Casati, A., Vinciguerra, F., Santorsola, R., Aldegheri, G., Putzu, M., Fanelli, G. Sciatic nerve block with 0.5% levobupivacaine, 0.75% levobupivacaine or 0.75% ropivacaine: a double-blind, randomized comparison. <i>European Journal of Anaesthesiology</i> . 2005;22(6):452-6. | Not intervention of interest |
| Casati, A., Vinciguerra, F., Scarioni, M., Cappelleri, G., Aldegheri, G., Manzoni, P., Frascini, G., Chelly, J. E. Lidocaine versus ropivacaine for continuous interscalene brachial plexus block after open shoulder surgery. <i>Acta Anaesthesiologica Scandinavica</i> . 2003;47(3):355-60. | Not intervention of interest |
| Castagna, A., Rinaldi, S., Fontani, V., Mannu, P., Margotti, M. L. Comparison of two treatments for coxarthrosis: local hyperthermia versus radio electric asymmetrical brain stimulation. <i>Clinical Interventions In Aging</i> . 2011;6 :201-6. | Not intervention of interest |

| Reference | Exclusion Reason |
|---|------------------------------|
| Castellanos, J., Ramirez, C., De Sena, L., Bertran, C. Transthecal digital block: digital anaesthesia through the sheath of the flexor tendon. <i>Journal of Bone & Joint Surgery - British Volume</i> . 2000;82(6):889. | Not intervention of interest |
| Cavazos, G. J., Khan, K. H., D'Antoni, A. V., Harkless, L. B., Lopez, D. Cryosurgery for the treatment of heel pain. <i>Foot & Ankle International</i> . 2009;30(6):500-5. | No outcome of interest |
| Ceran, C., Aksam, B., Aksam, E., Demirseren, M. E. Selective Nerve Block Combined With Tumescant Anesthesia. <i>Journal of Hand Surgery - American Volume</i> . 2015;40(12):2339-44. | Not intervention of interest |
| Ceremuga, T. E., Gelinias, E. A., Gonzales, J. L., Ramos-Alarilla, J. M. Evaluation of the effects of the addition of morphine sulfate to a standard Bier block solution in peripheral arm surgery. <i>AANA Journal</i> . 1998;66(5):459-65. | Not intervention of interest |
| Cesur, M., Alici, H. A., Erdem, A. F., Dostbil, A. A novel approach to locate the suprascapular nerve in a patient with a shoulder tumour: the specular symmetry technique. <i>Anaesthesia & Intensive Care</i> . 2006;34(1):121-3. | Not intervention of interest |
| Chaiban, G., Paradis, T., Atallah, J. Use of ultrasound and fluoroscopy guidance in percutaneous radiofrequency lesioning of the sensory branches of the femoral and obturator nerves. <i>Pain Practice</i> . 2014;14(4):343-5. | Observational study n < 10 |
| Chakravarthy, V., Arya, V. K., Dhillon, M. S., Chari, P. Comparison of regional nerve block to epidural anaesthesia in day care arthroscopic surgery of the knee. <i>Acta Orthopaedica Belgica</i> . 2004;70(6):551-9. | Not intervention of interest |
| Chalifoux, F., Colin, F., St-Pierre, P., Godin, N., Brulotte, V. Low dose intravenous dexamethasone (4 mg and 10 mg) significantly prolongs the analgesic duration of single-shot interscalene block after arthroscopic shoulder surgery: a prospective randomized placebo-controlled study. <i>Canadian Journal of Anaesthesia</i> . 2017;64(3):280-289. | Not intervention of interest |
| Chan, C. K., Lee, H. Y., Choi, W. C., Cho, J. Y., Lee, S. H. Cervical cord compression presenting with sciatica-like leg pain. <i>European Spine Journal</i> . 2011;20 Suppl 2 :S217-21. | Not intervention of interest |
| Chan, C. W., Peng, P. W. Suprascapular nerve block: a narrative review. <i>Regional Anesthesia & Pain Medicine</i> . 2011;36(4):358-73. | Not intervention of interest |
| Chan, E. Y., Teo, Y. H., Assam, P. N., Fransen, M. Functional discharge readiness and mobility following total knee arthroplasty for osteoarthritis: a comparison of analgesic techniques. <i>Arthritis care & research</i> . 2014;66(11):1688-94. | Not intervention of interest |
| Chang, P. C., Lang, S. A., Yip, R. W. Reevaluation of the sciatic nerve block. <i>Regional anesthesia</i> . 1993;18(1):18-23. | Not intervention of interest |

| Reference | Exclusion Reason |
|---|------------------------------|
| Chao, D., Young, S., Cawley, P. Postoperative pain management for arthroscopic shoulder surgery: interscalene block versus patient-controlled infusion of 0.25% bupivacaine. <i>American Journal of Orthopedics (Chatham, Nj)</i> . 2006;35(5):231-4. | Not intervention of interest |
| Checcucci, G., Allegra, A., Bigazzi, P., Giancesello, L., Ceruso, M., Gritti, G. A new technique for regional anesthesia for arthroscopic shoulder surgery based on a suprascapular nerve block and an axillary nerve block: an evaluation of the first results. <i>Arthroscopy</i> . 2008;24(6):689-96. | Not intervention of interest |
| Chelly, J. E. Is the continuous saphenous block the right technique for postoperative pain management after total knee replacement?. <i>Regional Anesthesia & Pain Medicine</i> . 2013;38(5):461. | Not intervention of interest |
| Chelly, J. E., Delaunay, L. A new anterior approach to the sciatic nerve block. <i>Anesthesiology</i> . 1999;91(6):1655-60. | Not intervention of interest |
| Chelly, J. E., Delaunay, L., Williams, B., Borghi, B. Outpatient lower extremity infusions. <i>Best Practice & Research. Clinical Anaesthesiology</i> . 2002;16(2):311-20. | Not intervention of interest |
| Chelly, J. E., Greger, J., Casati, A., Al-Samsam, T., McGarvey, W., Clanton, T. Continuous lateral sciatic blocks for acute postoperative pain management after major ankle and foot surgery. <i>Foot & Ankle International</i> . 2002;23(8):749-52. | Not intervention of interest |
| Chen, A. C., Lee, W. C., Hsu, K. Y., Chan, Y. S., Yuan, L. J., Chang, C. H. Arthroscopic ganglionectomy through an intrafocal cystic portal for wrist ganglia. <i>Arthroscopy</i> . 2010;26(5):617-22. | Not intervention of interest |
| Chen, H. P., Shen, S. J., Tsai, H. I., Kao, S. C., Yu, H. P. Effects of Interscalene Nerve Block for Postoperative Pain Management in Patients after Shoulder Surgery. <i>BioMed Research International</i> . 2015;2015 :902745. | Not intervention of interest |
| Chen, H. S., Qu, F., He, X., Wang, Y., Wen, W. W. Chemical or surgical sympathectomy prevents mechanical hyperalgesia induced by intraplantar injection of bee venom in rats. <i>Brain Research</i> . 2010;1353 :86-93. | Not appropriate population |
| Chen, J., Du, Q., Lin, M., Lin, J., Li, X., Lai, F., Tu, Y. Transareolar Single-Port Needlescopic Thoracic Sympathectomy Under Intravenous Anesthesia Without Intubation: A Randomized Controlled Trial. <i>Journal of Laparoendoscopic & Advanced Surgical Techniques. Part A</i> . 2016;26(12):958-964. | Not intervention of interest |
| Chen, Y., Derby, R., Lee, S. H. Percutaneous disc decompression in the management of chronic low back pain. <i>Orthopedic Clinics of North America</i> . 2004;35(1):17-23. | Not intervention of interest |
| Cheng, T., Zhu, C., Guo, Y., Shi, S., Chen, D., Zhang, X. Patellar denervation with electrocautery in total knee arthroplasty without patellar resurfacing: | Not intervention of interest |

| Reference | Exclusion Reason |
|--|------------------------------|
| a meta-analysis. <i>Knee Surgery, Sports Traumatology, Arthroscopy</i> . 2014;22(11):2648-54. | |
| Cheshire, W. P., Snyder, C. R. Treatment of reflex sympathetic dystrophy with topical capsaicin. Case report. <i>Pain</i> . 1990;42(3):307-11. | Not intervention of interest |
| Chevaleraud, E., Lenoble, E. [Simplified anesthesia for the surgical treatment of severe sprains of the metacarpophalangeal joint of the thumb]. <i>Annales de Chirurgie de la Main et du Membre Superieur</i> . 1994;13(1):60-3. | Not intervention of interest |
| Chevaleraud, E., Ragot, J. M., Glicenstein, J. [Anesthesia for hand surgery in patients with bullous epidermolysis]. <i>Annales de Chirurgie de la Main et du Membre Superieur</i> . 1995;14(6):296-303. | Not intervention of interest |
| Chidiac, E. J., Kaddoum, R., Peterson, S. A. Patient survey of continuous interscalene analgesia at home after shoulder surgery. <i>Middle East Journal of Anesthesiology</i> . 2009;20(2):213-8. | Not intervention of interest |
| Childs, S., Pyne, S., Nandra, K., Bakhsh, W., Mustafa, S. A., Giordano, B. D. The Effect of Intra-articular Cocktail Versus Femoral Nerve Block for Patients Undergoing Hip Arthroscopy. <i>Arthroscopy</i> . 2017;33(12):2170-2176. | Not intervention of interest |
| Chim, H., Moran, S. L. Wrist essentials: the diagnosis and management of scapholunate ligament injuries. <i>Plastic & Reconstructive Surgery</i> . 2014;134(2):312e-322e. | Not intervention of interest |
| Chin, K. J., Alakkad, H., Cubillos, J. E. Single, double or multiple-injection techniques for non-ultrasound guided axillary brachial plexus block in adults undergoing surgery of the lower arm. <i>Cochrane Database of Systematic Reviews</i> . 2013; (8):CD003842. | Not intervention of interest |
| Chin, K. J., Singh, M., Velayutham, V., Chee, V. Infraclavicular brachial plexus block for regional anaesthesia of the lower arm. <i>Cochrane Database of Systematic Reviews</i> . 2010; (2):CD005487. | Not intervention of interest |
| Chironna, R. L., Hecht, J. S. Subscapularis motor point block for the painful hemiplegic shoulder. <i>Archives of Physical Medicine & Rehabilitation</i> . 1990;71(6):428-9. | Not intervention of interest |
| Chiu, C. H., Kuo, Y. W., Hsu, H. T., Chu, K. S., Shieh, C. F. Continuous infraclavicular block for forearm amputation after being bitten by a saltwater crocodile (<i>Crocodylus porosus</i>): a case report. <i>Kaohsiung Journal of Medical Sciences</i> . 2009;25(8):455-9. | Not intervention of interest |
| Cho, C. H., Song, K. S., Min, B. W., Jung, G. H., Lee, Y. K., Shin, H. K. Efficacy of interscalene block combined with multimodal pain control for postoperative analgesia after rotator cuff repair. <i>Knee Surgery, Sports Traumatology, Arthroscopy</i> . 2015;23(2):542-7. | Not intervention of interest |

| Reference | Exclusion Reason |
|--|------------------------------|
| Cho, E. J., Yang, J. H., Song, Y. B. Type II complex regional pain syndrome of the hand resulting from repeated arterial punctures during transradial coronary intervention. <i>Catheterization & Cardiovascular Interventions</i> . 2013;82(4):E465-8. | Not intervention of interest |
| Cho, H. K., Cho, Y. W., Kim, E. H., Sluijter, M. E., Hwang, S. J., Ahn, S. H. Changes in pain behavior and glial activation in the spinal dorsal horn after pulsed radiofrequency current administration to the dorsal root ganglion in a rat model of lumbar disc herniation: laboratory investigation. <i>Journal of Neurosurgery Spine</i> . 2013;19(2):256-63. | Not appropriate population |
| Cho, H. K., Kang, J. H., Kim, S. Y., Choi, M. J., Hwang, S. J., Cho, Y. W., Ahn, S. H. Changes in Neuroglial Activity in Multiple Spinal Segments after Caudal Epidural Pulsed Radiofrequency in a Rat Model of Lumbar Disc Herniation. <i>Pain Physician</i> . 2016;19(8):E1197-E1209. | Not appropriate population |
| Choi, D. S., Atchabahian, A., Brown, A. R. Cervical plexus block provides postoperative analgesia after clavicle surgery. <i>Anesthesia & Analgesia</i> . 2005;100(5):1542-3. | Not intervention of interest |
| Choi, E. M., Kim, E. M., Chung, M. H., Park, J. H., Lee, H. K., Choi, Y. R., Lee, M. Effects of ultrasound-guided stellate ganglion block on acute pain after arthroscopic shoulder surgery. <i>Pain Physician</i> . 2015;18(3):E379-88. | Not intervention of interest |
| Choi, E., Cho, C. W., Kim, H. Y., Lee, P. B., Nahm, F. S. Lumbar Sympathetic Block with Botulinum Toxin Type B for Complex Regional Pain Syndrome: A Case Study. <i>Pain Physician</i> . 2015;18(5):E911-6. | Not appropriate study design |
| Choi, S., Choi, H. J., Cheong, Y., Lim, Y. J., Park, H. K. Internal-specific morphological analysis of sciatic nerve fibers in a radiofrequency-induced animal neuropathic pain model. <i>PLoS ONE [Electronic Resource]</i> . 2013;8(9):e73913. | Not appropriate population |
| Choi, W. J., Shin, J. W. Response to letter to the Editor. <i>Pain</i> . 2014;155(4):837. | Publication type |
| Choi, Y., Yoon, Y. W., Na, H. S., Kim, S. H., Chung, J. M. Behavioral signs of ongoing pain and cold allodynia in a rat model of neuropathic pain. <i>Pain</i> . 1994;59(3):369-76. | Not appropriate population |
| Chon, J. Y., Hahn, Y. J., Sung, C. H., Jung, S. H., Moon, H. S. Pulsed radiofrequency under ultrasound guidance for the tarsal tunnel syndrome: two case reports. <i>Journal of Anesthesia</i> . 2014;28(6):924-7. | Publication type |
| Chong, A. K., Tan, D. M., Ooi, B. S., Mahadevan, M., Lim, A. Y., Lim, B. H. Comparison of forearm and conventional Bier's blocks for manipulation and reduction of distal radius fractures. <i>Journal of Hand Surgery: European Volume</i> . 2007;32(1):57-9. | Not intervention of interest |

| Reference | Exclusion Reason |
|---|---|
| Choquet, O. [1% mepivacaine and axillary block: duration of the sensory and motor blockade]. <i>Annales Francaises d Anesthesie et de Reanimation</i> . 1998;17(9):1104-8. | Not intervention of interest |
| Choquet, O., Capdevila, X., Bennourine, K., Feugeas, J. L., Bringuier-Branchereau, S., Manelli, J. C. A new inguinal approach for the obturator nerve block: anatomical and randomized clinical studies. <i>Anesthesiology</i> . 2005;103(6):1238-45. | Not intervention of interest |
| Chou, A. C., Ng, S. Y., Su, D. H., Singh, I. R., Koo, K. Radiofrequency microtenotomy is as effective as plantar fasciotomy in the treatment of recalcitrant plantar fasciitis. <i>Journal of Foot & Ankle Surgery</i> . 2016;22(4):270-273. | Not intervention of interest |
| Chou, R., Atlas, S. J., Stanos, S. P., Rosenquist, R. W. Nonsurgical interventional therapies for low back pain: a review of the evidence for an American Pain Society clinical practice guideline. <i>Spine</i> . 2009;34(10):1078-93. | Not intervention of interest |
| Chung, M. S., Roh, Y. H., Baek, G. H., Lee, Y. H., Rhee, S. H., Gong, H. S. Evaluation of early postoperative pain and the effectiveness of perifracture site injections following volar plating for distal radius fractures. <i>Journal of Hand Surgery - American Volume</i> . 2010;35(11):1787-94. | Not intervention of interest |
| Chye, C. L., Liang, C. L., Lu, K., Chen, Y. W., Liliang, P. C. Pulsed radiofrequency treatment of articular branches of femoral and obturator nerves for chronic hip pain. <i>Clinical Interventions In Aging</i> . 2015;10 :569-74. | Observational study of harms, excluded because no evidence for the intervention |
| Cicccone, W. J., 2nd, Busey, T. D., Weinstein, D. M., Walden, D. L., Elias, J. J. Assessment of pain relief provided by interscalene regional block and infusion pump after arthroscopic shoulder surgery. <i>Arthroscopy</i> . 2008;24(1):14-9. | Not intervention of interest |
| Ciftcioglu, M., Acar, S., Gurkan, Y., Solak, M., Toker, K. [Ultrasound guided multiple peripheral nerve blocks in a high-risk patient]. <i>Agri Dergisi</i> . 2012;24(2):90-2. | Not intervention of interest |
| Cione, J. A., Cozzarelli, J., Mullin, C. J. A retrospective study of radiofrequency thermal lesioning for the treatment of neuritis of the medial calcaneal nerve and its terminal branches in chronic heel pain. <i>Journal of Foot & Ankle Surgery</i> . 2009;48(2):142-7. | Observational study of harms, excluded because no evidence for the intervention |
| Clark, A. K., Yip, P. K., Malcangio, M. The liberation of fractalkine in the dorsal horn requires microglial cathepsin S. <i>Journal of Neuroscience</i> . 2009;29(21):6945-54. | Not intervention of interest |
| Clendenen, S. R., Riutort, K. T., Feinglass, N. G., Greengrass, R. A., Brull, S. J. Real-time three-dimensional ultrasound for continuous interscalene brachial plexus blockade. <i>Journal of Anesthesia</i> . 2009;23(3):466-8. | Not intervention of interest |

| Reference | Exclusion Reason |
|--|------------------------------|
| Clendenen, S., Greengrass, R., Whalen, J., O'Connor, M. I. Reply to the letter to the editor: infrapatellar saphenous neuralgia after TKA can be improved with ultrasound-guided local treatments. <i>Clinical Orthopaedics & Related Research</i> . 2015;473(5):1845-6. | Not intervention of interest |
| Clendenen, S., Greengrass, R., Whalen, J., O'Connor, M. I. Infrapatellar saphenous neuralgia after TKA can be improved with ultrasound-guided local treatments. <i>Clinical Orthopaedics & Related Research</i> . 2015;473(1):119-25. | No outcome of interest |
| Cline, E., Franz, D., Polley, R. D., Maye, J., Burkard, J., Pellegrini, J. Analgesia and effectiveness of levobupivacaine compared with ropivacaine in patients undergoing an axillary brachial plexus block. <i>AANA Journal</i> . 2004;72(5):339-45. | Not intervention of interest |
| Coad, N. R. Post-operative analgesia following femoral-neck surgery--a comparison between 3 in 1 femoral nerve block and lateral cutaneous nerve block. <i>European Journal of Anaesthesiology</i> . 1991;8(4):287-90. | Not intervention of interest |
| Coates, D. P., Sanders, R., Edmonds-Seal, J. Convulsions following regional hip blockade with bupivacaine and adrenaline. <i>Anaesthesia</i> . 1983;38(6):588-9. | Not intervention of interest |
| Cockett, F. B., Tracy, G. D. Pain in the lower limb after sympathectomy. <i>Lancet</i> . 1957;272(6958):12-4. | No outcome of interest |
| Coleman, A. C. Perioperative Pain Management for Upper Extremity Surgery. <i>Orthopedic Clinics of North America</i> . 2017;48(4):487-494. | Not intervention of interest |
| Collier, B. B. Treatment for lumbar sciatic pain in posterior articular lumbar joint syndrome. <i>Anaesthesia</i> . 1979;34(2):202-9. | Not intervention of interest |
| Collins, G. J., Jr., Rich, N. M., Clagett, G. P., Salander, J. M., Spebar, M. J. Clinical results of lumbar sympathectomy. <i>American Surgeon</i> . 1981;47(1):31-5. | Not appropriate population |
| Cometa, M. A., Esch, A. T., Boezaart, A. P. Did continuous femoral and sciatic nerve block obscure the diagnosis or delay the treatment of acute lower leg compartment syndrome? A case report. <i>Pain Medicine</i> . 2011;12(5):823-8. | Not intervention of interest |
| Compere, V., Cornet, C., Fourdrinier, V., Maitre, A. M., Mazirt, N., Biga, N., Dureuil, B. Thigh abscess as a complication of continuous popliteal sciatic nerve block. <i>British Journal of Anaesthesia</i> . 2005;95(2):255-6. | Not intervention of interest |
| Conn, R. A., Cofield, R. H., Byer, D. E., Linstromberg, J. W. Interscalene block anesthesia for shoulder surgery. <i>Clinical Orthopaedics & Related Research</i> . 1987; (216):94-8. | Not intervention of interest |

| Reference | Exclusion Reason |
|---|------------------------------|
| Conroy, B. P., Gray, B. C., Fischer, R. B., Del Campo, L. J., Kenter, K. Interscalene block for elective shoulder surgery. <i>Orthopedics</i> . 2003;26(5):501-3. | Not intervention of interest |
| Constantin, J. M., Etienne, G., Hevia, M. [Technique and results of cryo-stripping in the treatment of varicose veins of the lower limbs]. <i>Annales de Chirurgie</i> . 1997;51(7):745-8. | Not intervention of interest |
| Contreras-Dominguez, V., Carbonell-Bellolio, P., Sanzana Salamanca, E., Ojeda-Grecie, A. [Addition of sodium bicarbonate and/or clonidine to mepivacaine: influence on axillary brachial plexus block characteristics]. <i>Revista Espanola de Anestesiologia y Reanimacion</i> . 2006;53(9):532-7. | Not intervention of interest |
| Contreras-Dominguez, V., Carbonell-Bellolio, P., Sanzana, E. S., Ojeda-Greciet, A., Orrego-Santos, R. [Efficacy of a continuous interscalene block vs intra-articular analgesia for postoperative pain in arthroscopic acromioplasty]. <i>Revista Espanola de Anestesiologia y Reanimacion</i> . 2008;55(8):475-80. | Not intervention of interest |
| Coobs, B. R., LaPrade, R. F. Severe chondrolysis of the glenohumeral joint after shoulder thermal capsulorrhaphy. <i>American Journal of Orthopedics (Chatham, Nj)</i> . 2009;38(2):E34-7. | Not intervention of interest |
| Cook, J. L., Kuroki, K., Kenter, K., Marberry, K., Brawner, T., Geiger, T., Jayabalan, P., Bal, B. S. Bipolar and monopolar radiofrequency treatment of osteoarthritic knee articular cartilage: acute and temporal effects on cartilage compressive stiffness, permeability, cell synthesis, and extracellular matrix composition. <i>The Journal of Knee Surgery</i> . 2004;17(2):99-108. | Not intervention of interest |
| Cook, L. B. Unsuspected extradural catheterization in an interscalene block. <i>British Journal of Anaesthesia</i> . 1991;67(4):473-5. | Not intervention of interest |
| Cooke, E. D., Harris, J., Fleming, C. E., Steinberg, M. D., Foster, J. M. Correlation of pain with temperature and blood-flow changes in the lower limb following chemical lumbar sympathectomy in reflex sympathetic dystrophy. A case report. <i>International Angiology</i> . 1995;14(3):226-8. | No outcome of interest |
| Cooper, J., Benirschke, S., Sangeorzan, B., Bernards, C., Edwards, W. Sciatic nerve blockade improves early postoperative analgesia after open repair of calcaneus fractures. <i>Journal of Orthopaedic Trauma</i> . 2004;18(4):197-201. | Not intervention of interest |
| Corda, D. M., Enneking, F. K. A unique approach to postoperative analgesia for ambulatory surgery. <i>Journal of Clinical Anesthesia</i> . 2000;12(8):595-9. | Not intervention of interest |
| Cordobes Gual, J., Riera Vazquez, R., Merino Mairal, O., Manuel-Rimbau Munoz, E., Lozano Vilardell, P., Company Campins, M. [Buerger's disease with intestinal ischemic involvement]. <i>Anales de Medicina Interna</i> . 2005;22(5):235-7. | Publication type |

| Reference | Exclusion Reason |
|--|------------------------------|
| Cornelissen, B. P., Rijkenhuizen, A. B., van den Hoogen, B. M., Rutten, V. P., Barneveld, A. Experimental model of synovitis/capsulitis in the equine metacarpophalangeal joint. <i>American Journal of Veterinary Research</i> . 1998;59(8):978-85. | Not appropriate population |
| Cornish, P. Another alternative to interscalene block?. <i>Anaesthesia & Intensive Care</i> . 2008;36(1):121-2; author reply 122-3. | Not intervention of interest |
| Cornish, P. B., Barton, J., Deacon, A. The impact of regional anaesthesia on outcome: a patient's perspective. <i>Anaesthesia</i> . 2004;59(6):613-5. | Not intervention of interest |
| Cornish, P. B., Leaper, C. J., Nelson, G., Anstis, F., McQuillan, C., Stienstra, R. Avoidance of phrenic nerve paresis during continuous supraclavicular regional anaesthesia. <i>Anaesthesia</i> . 2007;62(4):354-8. | Not intervention of interest |
| Cornish, P., Rutherford, A. "Minor" shoulder surgery--worth a peripheral nerve catheter, or not?. <i>Regional Anesthesia & Pain Medicine</i> . 2010;35(5):471; author reply 471-2. | Not intervention of interest |
| Coronel, M. F., Brumovsky, P. R., Hokfelt, T., Villar, M. J. Differential galanin upregulation in dorsal root ganglia and spinal cord after graded single ligature nerve constriction of the rat sciatic nerve. <i>Journal of Chemical Neuroanatomy</i> . 2008;35(1):94-100. | Not appropriate population |
| Cortinas-Saenz, M., Salmeron-Velez, G., Holgado-Macho, I. A. [Joint and sensory branch block of the obturator and femoral nerves in a case of femoral head osteonecrosis and arthritis]. <i>Revista Espanola de Cirugia Ortopedica y Traumatologia</i> . 2014;58(5):319-24. | Not intervention of interest |
| Cotton, L. T., Cross, F. W. Lumbar sympathectomy for arterial disease. <i>British Journal of Surgery</i> . 1985;72(9):678-83. | Not intervention of interest |
| Couture, D. J., Cuniff, H. M., Maye, J. P., Pellegrini, J. The addition of clonidine to bupivacaine in combined femoral-sciatic nerve block for anterior cruciate ligament reconstruction. <i>AANA journal</i> . 2004;72(4):273-278. | Not intervention of interest |
| Coventry, B. J., Walsh, J. A. Cutaneous innervation in man before and after lumbar sympathectomy: evidence for interruption of both sensory and vasomotor nerve fibres. <i>ANZ Journal of Surgery</i> . 2003;73(1-2):14-8. | Not intervention of interest |
| Cozzarelli, J., Sollitto, R. J., Thapar, J., Caponigro, J. A 12-year long-term retrospective analysis of the use of radiofrequency nerve ablation for the treatment of neurogenic heel pain. <i>Foot & Ankle Specialist</i> . 2010;3(6):338-46. | No outcome of interest |
| Crawford, F., Atkins, D., Young, P., Edwards, J. Steroid injection for heel pain: evidence of short-term effectiveness. A randomized controlled trial. <i>Rheumatology</i> . 1999;38(10):974-7. | Not intervention of interest |

| Reference | Exclusion Reason |
|---|------------------------------|
| Cross, F. W., Cotton, L. T. Chemical lumbar sympathectomy for ischemic rest pain. A randomized, prospective controlled clinical trial. <i>American Journal of Surgery</i> . 1985;150(3):341-5. | Not intervention of interest |
| Crystal, Z., Barak, M., Katz, Y. Sequential supraclavicular brachial plexus block and intravenous regional anaesthesia for upper limb surgery. <i>European Journal of Anaesthesiology</i> . 2004;21(9):747-9. | Not intervention of interest |
| Cuignet, O., Mbuyamba, J., Pirson, J. The long-term analgesic efficacy of a single-shot fascia iliaca compartment block in burn patients undergoing skin-grafting procedures. <i>Journal of Burn Care & Rehabilitation</i> . 2005;26(5):409-15. | Not intervention of interest |
| Cuignet, O., Pirson, J., Boughrouph, J., Duville, D. The efficacy of continuous fascia iliaca compartment block for pain management in burn patients undergoing skin grafting procedures. <i>Anesthesia & Analgesia</i> . 2004;98(4):1077-81, table of contents. | Not intervention of interest |
| Culafic, S., Spaic, M., Zoranovic, U., Misovic, S. [Neurolytic blockade of the obturator nerve in the treatment of idiopathic obturator neuralgia]. <i>Vojnosanitetski Pregled</i> . 2008;65(6):492-4. | Publication type |
| Cummings, A. J., Tisol, W. B., Meyer, L. E. Modified transthecal digital block versus traditional digital block for anesthesia of the finger. <i>Journal of Hand Surgery - American Volume</i> . 2004;29(1):44-8. | Not intervention of interest |
| Cummings, K. C., 3rd, Napierkowski, D. E., Parra-Sanchez, I., Kurz, A., Dalton, J. E., Brems, J. J., Sessler, D. I. Effect of dexamethasone on the duration of interscalene nerve blocks with ropivacaine or bupivacaine. <i>British Journal of Anaesthesia</i> . 2011;107(3):446-53. | Not intervention of interest |
| Cuvillon, P., Dion, N., Deleuze, M., Nouvellon, E., Mahamat, A., L'Hermite, J., Boisson, C., Vialles, N., Ripart, J., de La Coussaye, J. E. Comparison of 3 intensities of stimulation threshold for brachial plexus blocks at the midhumeral level: a prospective, double-blind, randomized study. <i>Regional Anesthesia & Pain Medicine</i> . 2009;34(4):296-300. | Not intervention of interest |
| Cuvillon, P., Le Sache, F., Demattei, C., Lidzborski, L., Zoric, L., Riou, B., Langeron, O., Raux, M. Continuous interscalene brachial plexus nerve block prolongs unilateral diaphragmatic dysfunction. <i>Anaesthesia Critical Care & Pain Medicine</i> . 2016;35(6):383-390. | Not intervention of interest |
| Cuvillon, P., Nouvellon, E., Ripart, J., Boyer, J. C., Dehour, L., Mahamat, A., L'Hermite, J., Boisson, C., Vialles, N., Lefrant, J. Y., de La Coussaye, J. E. A comparison of the pharmacodynamics and pharmacokinetics of bupivacaine, ropivacaine (with epinephrine) and their equal volume mixtures with lidocaine used for femoral and sciatic nerve blocks: a double-blind randomized study. <i>Anesthesia & Analgesia</i> . 2009;108(2):641-9. | Not intervention of interest |

| Reference | Exclusion Reason |
|--|------------------------------|
| Cuvillon, P., Ripart, J., Jeannes, P., Mahamat, A., Boisson, C., L'Hermite, J., Vernes, E., de la Coussaye, J. E. Comparison of the parasacral approach and the posterior approach, with single- and double-injection techniques, to block the sciatic nerve. <i>Anesthesiology</i> . 2003;98(6):1436-41. | Not intervention of interest |
| D'Alessio, J. G., Rosenblum, M., Shea, K. P., Freitas, D. G. A retrospective comparison of interscalene block and general anesthesia for ambulatory surgery shoulder arthroscopy. <i>Regional Anesthesia</i> . 1995;20(1):62-8. | Not intervention of interest |
| Dadure, C., Acosta, C., Capdevila, X. Perioperative pain management of a complex orthopedic surgical procedure with double continuous nerve blocks in a burned child. <i>Anesthesia & Analgesia</i> . 2004;98(6):1653-5, table of contents. | Not intervention of interest |
| Dadure, C., Bringuier, S., Mathieu, O., Raux, O., Rochette, A., Canaud, N., Javitary, W., Capdevila, X. [Continuous epidural block versus continuous psoas compartment block for postoperative analgesia after major hip or femoral surgery in children: a prospective comparative randomized study]. <i>Annales Francaises d Anesthesie et de Reanimation</i> . 2010;29(9):610-5. | Not intervention of interest |
| Dadure, C., Capdevila, X. Peripheral catheter techniques. <i>Paediatric Anaesthesia</i> . 2012;22(1):93-101. | Not intervention of interest |
| Dadure, C., Capdevila, X. [Perioperative analgesia with continuous peripheral nerve blocks in children]. <i>Annales Francaises d Anesthesie et de Reanimation</i> . 2007;26(2):136-44. | Not intervention of interest |
| Dadure, C., Raux, O., Gaudard, P., Sagintaah, M., Troncin, R., Rochette, A., Capdevila, X. Continuous psoas compartment blocks after major orthopedic surgery in children: a prospective computed tomographic scan and clinical studies. <i>Anesthesia & Analgesia</i> . 2004;98(3):623-8, table of contents. | Not intervention of interest |
| Dadure, C., Raux, O., Troncin, R., Rochette, A., Capdevila, X. Continuous infraclavicular brachial plexus block for acute pain management in children. <i>Anesthesia & Analgesia</i> . 2003;97(3):691-3. | Not intervention of interest |
| Dahan, T. H., Fortin, L., Pelletier, M., Petit, M., Vadeboncoeur, R., Suissa, S. Double blind randomized clinical trial examining the efficacy of bupivacaine suprascapular nerve blocks in frozen shoulder. <i>Journal of Rheumatology</i> . 2000;27(6):1464-9. | Not intervention of interest |
| Dahl, J. B., Christiansen, C. L., Daugaard, J. J., Schultz, P., Carlsson, P. Continuous blockade of the lumbar plexus after knee surgery--postoperative analgesia and bupivacaine plasma concentrations. A controlled clinical trial. <i>Anaesthesia</i> . 1988;43(12):1015-8. | Not intervention of interest |
| Dahl, J. B., Daugaard, J. J., Kristoffersen, E., Johannsen, H. V., Dahl, J. A. Perineuronal morphine: a comparison with epidural morphine. <i>Anaesthesia</i> . 1988;43(6):463-5. | Not intervention of interest |

| Reference | Exclusion Reason |
|---|------------------------------|
| Damyrovich, A. Z., Staples, J. R., Marshall, K. W. 1H NMR investigation of changes in the metabolic profile of synovial fluid in bilateral canine osteoarthritis with unilateral joint denervation. <i>Osteoarthritis & Cartilage</i> . 1999;7(2):165-72. | Not appropriate population |
| Danelli, G., Ghisi, D., Fanelli, A., Ortu, A., Moschini, E., Berti, M., Ziegler, S., Fanelli, G. The effects of ultrasound guidance and neurostimulation on the minimum effective anesthetic volume of mepivacaine 1.5% required to block the sciatic nerve using the subgluteal approach. <i>Anesthesia & Analgesia</i> . 2009;109(5):1674-8. | Not intervention of interest |
| Dangoisse, M. J., Wilson, D. J., Glynn, C. J. MRI and clinical study of an easy and safe technique of suprascapular nerve blockade. <i>Acta Anaesthesiologica Belgica</i> . 1994;45(2):49-54. | Not intervention of interest |
| Darlis, N. A., Weiser, R. W., Sotereanos, D. G. Arthroscopic triangular fibrocartilage complex debridement using radiofrequency probes. <i>Journal of Hand Surgery - British Volume</i> . 2005;30(6):638-42. | Not intervention of interest |
| Dasa, V., Lensing, G., Parsons, M., Harris, J., Volaufova, J., Bliss, R. Percutaneous freezing of sensory nerves prior to total knee arthroplasty. <i>Knee</i> . 2016;23(3):523-8. | Not intervention of interest |
| Dauri, M., Fabbi, E., Mariani, P., Faria, S., Carpenedo, R., Sidiropoulou, T., Coniglione, F., Silvi, M. B., Sabato, A. F. Continuous femoral nerve block provides superior analgesia compared with continuous intra-articular and wound infusion after anterior cruciate ligament reconstruction. <i>Regional anesthesia and pain medicine</i> . 2009;34(2):95-99. | Not intervention of interest |
| Dauri, M., Sidiropoulou, T., Fabbi, E., Giannelli, M., Faria, S., Mariani, P., Sabato, A. F. Efficacy of continuous femoral nerve block with stimulating catheters versus nonstimulating catheters for anterior cruciate ligament reconstruction. <i>Regional anesthesia and pain medicine</i> . 2007;32(4):282-287. | Not intervention of interest |
| Davidas, J. L., Rondelet, B., Besson, L., Debout, J. M., Bansillon, V. [Femoral nerve block as a postoperative analgesia technic in surgery of the knee]. <i>Annales Francaises d Anesthesie et de Reanimation</i> . 1986;5(5):483-5. | Not intervention of interest |
| Davidoff, G. Re: Sympathetic blocks for reflex sympathetic dystrophy. <i>Pain</i> . 1986;26(2):267-9. | Publication type |
| Davies, A. F., Segar, E. P., Murdoch, J., Wright, D. E., Wilson, I. H. Epidural infusion or combined femoral and sciatic nerve blocks as perioperative analgesia for knee arthroplasty. <i>British journal of anaesthesia</i> . 2004;93(3):368-374. | Not intervention of interest |
| Davies, E., Pounder, D., Mansour, S., Jeffery, I. T. Cryosurgery for chronic injuries of the cutaneous nerve in the upper limb. Analysis of a new open technique. <i>Journal of Bone & Joint Surgery - British Volume</i> . 2000;82(3):413-5. | Publication type |

| Reference | Exclusion Reason |
|---|------------------------------|
| Davies, R. G., Arthurs, G. Lateral cutaneous nerve of the thigh pain in association with inguinal hernia repair. <i>Anaesthesia</i> . 2003;58(5):489-91. | Not intervention of interest |
| Davis, J. J., Swenson, J. D., Greis, P. E., Burks, R. T., Tashjian, R. Z. Interscalene block for postoperative analgesia using only ultrasound guidance: the outcome in 200 patients. <i>Journal of Clinical Anesthesia</i> . 2009;21(4):272-7. | Not intervention of interest |
| Davis, J. J., Swenson, J. D., Kelly, S., Abraham, C. L., Aoki, S. K. Anatomic changes in the inguinal region after hip arthroscopy: implications for femoral nerve block. <i>Journal of Clinical Anesthesia</i> . 2012;24(7):590-2. | Not intervention of interest |
| Davis, K. D. Cold-induced pain and prickle in the glabrous and hairy skin. <i>Pain</i> . 1998;75(1):47-57. | Not intervention of interest |
| Dayioglu, H., Baykara, Z. N., Salbes, A., Solak, M., Toker, K. Effects of adding magnesium to bupivacaine and fentanyl for spinal anesthesia in knee arthroscopy. <i>Journal of Anesthesia</i> . 2009;23(1):19-25. | Not intervention of interest |
| de Almeida, A. R., Kadunc, B. V., de Oliveira, E. M. Improving botulinum toxin therapy for palmar hyperhidrosis: wrist block and technical considerations. <i>Dermatologic Surgery</i> . 2001;27(1):34-6. | Not intervention of interest |
| De Andres, J., Bellver, J., Barrera, L., Febre, E., Bolinches, R. A comparative study of analgesia after knee surgery with intraarticular bupivacaine, intraarticular morphine, and lumbar plexus block. <i>Anesthesia & Analgesia</i> . 1993;77(4):727-30. | Not intervention of interest |
| De Cordoba, J. L., Marqueta, C. G., Bernal, J., Asuncion, J. Combined lumbar and sacral plexus block for the management of long-standing hip pain. <i>Regional Anesthesia & Pain Medicine</i> . 2002;27(2):226-7; author reply 227. | Not intervention of interest |
| De Giacomo, T., Rendina, E. A., Venuta, F., Lauri, D., Mercadante, E. S., Anile, M., Coloni, G. F. Thoracoscopic sympathectomy for symptomatic arterial obstruction of the upper extremities. <i>Annals of Thoracic Surgery</i> . 2002;74(3):885-8. | Not intervention of interest |
| de Grauw, J. C., van de Lest, C. H., van Weeren, R., Brommer, H., Brama, P. A. Arthrogenic lameness of the fetlock: synovial fluid markers of inflammation and cartilage turnover in relation to clinical joint pain. <i>Equine Veterinary Journal</i> . 2006;38(4):305-11. | Not intervention of interest |
| de Jesus, R. A., Xu, J., Ferrari, J. Total subperiosteal approach to suprascapular nerve decompression: a technique to relieve entrapment by the superior transverse suprascapular ligament. <i>Plastic & Reconstructive Surgery</i> . 2009;123(1):35e-36e. | Not intervention of interest |
| de Jose Maria, B., Tielens, L. K. Vertical infraclavicular brachial plexus block in children: a preliminary study. <i>Paediatric Anaesthesia</i> . 2004;14(11):931-5. | Not intervention of interest |

| Reference | Exclusion Reason |
|---|------------------------------|
| De Kesel, R., Van Glabbeek, F., Mugenzi, D., De Vos, J., Vermeulen, K., Van Renterghem, D., Bortier, H., Schuind, F. Innervation of the elbow joint: Is total denervation possible? A cadaveric anatomic study. <i>Clinical Anatomy</i> . 2012;25(6):746-54. | Not appropriate population |
| De la Fuente, N., Altermatt, F. R. Adding dexamethasone to peripheral nerve blocks can give better postoperative analgesia. <i>British Journal of Anaesthesia</i> . 2012;108(1):161; author reply 161-2. | Not intervention of interest |
| de Leeuw, M. A., Dertinger, J. A., Hulshoff, L., Hoeksema, M., Perez, R. S., Zuurmond, W. W., de Lange, J. J. The efficacy of levobupivacaine, ropivacaine, and bupivacaine for combined psoas compartment-sciatic nerve block in patients undergoing total hip arthroplasty. <i>Pain practice</i> . 2008;8(4):241-247. | Not intervention of interest |
| de Morais, B. S., Cruvinel, M. G., Carneiro, F. S., Lago, F., Silva, Y. P. Postoperative analgesic efficacy of different volumes and masses of ropivacaine in posterior brachial plexus block. <i>Revista Brasileira de Anestesiologia</i> . 2012;62(1):19-27. | Not intervention of interest |
| De Pinto, M., Naidu, R. K. Peripheral and Neuraxial Chemical Neurolysis for the Management of Intractable Lower Extremity Pain in a Patient with Terminal Cancer. <i>Pain Physician</i> . 2015;18(4):E651-6. | Not appropriate study design |
| De Vos, J., Mulliez, A., De Loore, G. Melorheostosis of the humerus: a rare differential diagnosis of carpal tunnel syndrome. <i>Chirurgie de la Main</i> . 2010;29(2):125-7. | Not intervention of interest |
| De Windt, A. C., Asehounne, K., Roquilly, A., Guillaud, C., Le Roux, C., Pinaud, M., Lejus, C. An opioid-free anaesthetic using nerve blocks enhances rapid recovery after minor hand surgery in children. <i>European Journal of Anaesthesiology</i> . 2010;27(6):521-5. | Not intervention of interest |
| Dean, B. J., Gwilym, S. E., Carr, A. J. Why does my shoulder hurt? A review of the neuroanatomical and biochemical basis of shoulder pain. <i>British Journal of Sports Medicine</i> . 2013;47(17):1095-104. | Not intervention of interest |
| Decherchi, P. [Thomas George Morton metatarsalgia]. <i>Presse Medicale</i> . 2007;36(7-8):1098-103. | Publication type |
| Decosterd, I., Allchorne, A., Woolf, C. J. Progressive tactile hypersensitivity after a peripheral nerve crush: non-noxious mechanical stimulus-induced neuropathic pain. <i>Pain</i> . 2002;100(1-2):155-62. | Not intervention of interest |
| Decosterd, I., Ji, R. R., Abdi, S., Tate, S., Woolf, C. J. The pattern of expression of the voltage-gated sodium channels Na(v)1.8 and Na(v)1.9 does not change in uninjured primary sensory neurons in experimental neuropathic pain models. <i>Pain</i> . 2002;96(3):269-77. | Not appropriate population |

| Reference | Exclusion Reason |
|---|------------------------------|
| Dedrick, D. K., Goulet, R. W., O'Connor, B. L., Brandt, K. D. Preliminary report: increased porosity of the subchondral plate in an accelerated canine model of osteoarthritis. <i>Osteoarthritis & Cartilage</i> . 1997;5(1):71-4. | Not appropriate population |
| Defalque, R. J. Treatment of causalgia. <i>JAMA</i> . 1969;209(2):259. | Not intervention of interest |
| Defrin, R., Givon, R., Raz, N., Urca, G. Spatial summation and spatial discrimination of pain sensation. <i>Pain</i> . 2006;126(1-3):123-31. | Not intervention of interest |
| Delaunay, L., Chelly, J. E. Blocks at the wrist provide effective anesthesia for carpal tunnel release. <i>Canadian Journal of Anaesthesia</i> . 2001;48(7):656-60. | Not intervention of interest |
| DeLeo, J. A., Coombs, D. W., Willenbring, S., Colburn, R. W., Fromm, C., Wagner, R., Twitchell, B. B. Characterization of a neuropathic pain model: sciatic cryoneurolysis in the rat. <i>Pain</i> . 1994;56(1):9-16. | Not appropriate population |
| Deleo, T. A., Hashizume, H., Rutkowski, M. D., Weinstein, T. N. Cyclooxygenase-2 inhibitor SC-236 attenuates mechanical allodynia following nerve root injury in rats. <i>Journal of Orthopaedic Research</i> . 2000;18(6):977-82. | Not appropriate population |
| Deleuze, A., Gentili, M. E., Marret, E., Lamonerie, L., Bonnet, F. A comparison of a single-stimulation lateral infraclavicular plexus block with a triple-stimulation axillary block. <i>Regional Anesthesia & Pain Medicine</i> . 2003;28(2):89-94. | Not intervention of interest |
| Delgado-Martinez, A. D., Marchal, J. M., Blanco, F., Molina, M., Palma, A. Distal forearm tourniquet for hand surgery. <i>International Orthopaedics</i> . 2004;28(5):267-9. | Not intervention of interest |
| Delgado-Martinez, A. D., Marchal, J. M., Molina, M., Palma, A. Forefoot surgery with ankle tourniquet: complete or selective ankle block?. <i>Regional Anesthesia & Pain Medicine</i> . 2001;26(2):184-6. | Not intervention of interest |
| Dellon, A. L. Partial dorsal wrist denervation: resection of the distal posterior interosseous nerve. <i>Journal of Hand Surgery - American Volume</i> . 1985;10(4):527-33. | No outcome of interest |
| Dellon, A. L. Letter on "Wrist denervation for painful conditions of the wrist". <i>Journal of Hand Surgery - American Volume</i> . 2012;37(1):186-7; author reply 187-8. | Publication type |
| Dellon, A. L. Surgical Treatment of Upper Extremity Pain. <i>Hand Clinics</i> . 2016;32(1):71-80. | Publication type |
| Dellon, A. L. Denervation of the sinus tarsi for chronic post-traumatic lateral ankle pain. <i>Orthopedics</i> . 2002;25(8):849-51. | Observational study n < 10 |
| Dellon, A. L. Partial joint denervation II: knee and ankle. <i>Plastic & Reconstructive Surgery</i> . 2009;123(1):208-17. | Publication type |

| Reference | Exclusion Reason |
|--|---|
| Dellon, A. L., Mackinnon, S. E., Daneshvar, A. Terminal branch of anterior interosseous nerve as source of wrist pain. <i>Journal of Hand Surgery - British Volume</i> . 1984;9(3):316-22. | Observational study n < 10 |
| Dellon, A. L., Mont, M. A., Krackow, K. A., Hungerford, D. S. Partial denervation for persistent neuroma pain after total knee arthroplasty. <i>Clinical Orthopaedics & Related Research</i> . 1995; (316):145-50. | Observational study of harms, excluded because no evidence for the intervention |
| Dellon, A. L., Mont, M. A., Mullick, T., Hungerford, D. S. Partial denervation for persistent neuroma pain around the knee. <i>Clinical Orthopaedics & Related Research</i> . 1996; (329):216-22. | Observational study of harms, excluded because no evidence for the intervention |
| Dellon, L., Andonian, E., Rosson, G. D. Lower extremity complex regional pain syndrome: long-term outcome after surgical treatment of peripheral pain generators. <i>Journal of Foot & Ankle Surgery</i> . 2010;49(1):33-6. | No outcome of interest |
| DeMarco, J. R., Componovo, R., Barfield, W. R., Liles, L., Nietert, P. Efficacy of augmenting a subacromial continuous-infusion pump with a preoperative interscalene block in outpatient arthroscopic shoulder surgery: a prospective, randomized, blinded, and placebo-controlled study. <i>Arthroscopy</i> . 2011;27(5):603-10. | Not intervention of interest |
| Deng, R. J., Xu, J. S., Wei, R., Qin, Z. S. Clinical efficacy of brachial plexus block with patient-controlled analgesia for postoperative analgesia and recovery in the antebrachium. <i>Di Yi Junyi Daxue Xuebao</i> . 2003;23(4):377-9. | Not intervention of interest |
| Deng, Y., Jiang, T. L., Yang, X. X., Li, M., Wang, J., Guo, X. Y. [Effect of continuous femoral nerve block combined with periarticular local infiltration analgesia on early operative functional recovery after total knee arthroplasty: a randomized double-blind controlled study]. <i>Beijing da Xue Xue Bao. Yi Xue Ban/Journal of Peking University. Health Sciences</i> . 2017;49(1):137-41. | Not intervention of interest |
| Denny, N. M., Barber, N., Sildown, D. J. Evaluation of an insulated Tuohy needle system for the placement of interscalene brachial plexus catheters. <i>Anaesthesia</i> . 2003;58(6):554-7. | Not intervention of interest |
| Dervin, G. F., Madden, S. M., Crawford-Newton, B. A., Lane, A. T., Evans, H. C. Outpatient unicompartment knee arthroplasty with indwelling femoral nerve catheter. <i>Journal of Arthroplasty</i> . 2012;27(6):1159-65.e1. | Not intervention of interest |
| Desai, N. A., Khatri, S. M., Agarwal, A. B. Immediate effect of scapular repositioning with active cervical rotation in acute spasmodic torticollis. <i>Journal of Manipulative & Physiological Therapeutics</i> . 2013;36(7):412-7. | Not intervention of interest |
| Detaille, V., Busnel, F., Ravary, H., Jacquot, A., Katz, D., Allano, G. Use of continuous interscalene brachial plexus block and rehabilitation to treat | Not intervention of interest |

| Reference | Exclusion Reason |
|--|------------------------------|
| complex regional pain syndrome of the shoulder. <i>Annals of Physical & Rehabilitation Medicine</i> . 2010;53(6-7):406-16. | |
| Deweese, J. L., Schultz, C. T., Wilkerson, F. K., Kelly, J. A., Biegner, A. R., Pellegrini, J. E. Comparison of two approaches to brachial plexus anesthesia for proximal upper extremity surgery: interscalene and intersternocleidomastoid. <i>AANA Journal</i> . 2006;74(3):201-6. | Not intervention of interest |
| Dhir, S., Singh, S., Parkin, J., Hannouche, F., Richards, R. S. Multiple finger joint replacement and continuous physiotherapy using ultrasound guided, bilateral infraclavicular catheters for continuous bilateral upper extremity analgesia. <i>Canadian Journal of Anaesthesia</i> . 2008;55(12):880-1. | Not intervention of interest |
| Dhir, S., Sondekoppam, R. V., Sharma, R., Ganapathy, S., Athwal, G. S. A Comparison of Combined Suprascapular and Axillary Nerve Blocks to Interscalene Nerve Block for Analgesia in Arthroscopic Shoulder Surgery: An Equivalence Study. <i>Regional Anesthesia & Pain Medicine</i> . 2016;41(5):564-71. | Not intervention of interest |
| di Benedetto, P., Casati, A., Bertini, L. Continuous subgluteus sciatic nerve block after orthopedic foot and ankle surgery: comparison of two infusion techniques. <i>Regional Anesthesia & Pain Medicine</i> . 2002;27(2):168-72. | Not intervention of interest |
| di Benedetto, P., Casati, A., Bertini, L., Fanelli, G., Chelly, J. E. Postoperative analgesia with continuous sciatic nerve block after foot surgery: a prospective, randomized comparison between the popliteal and subgluteal approaches. <i>Anesthesia & Analgesia</i> . 2002;94(4):996-1000, table of contents. | Not intervention of interest |
| Di Francesco, A., Flamini, S., Zugaro, L., Zoccali, C. Preoperative radiofrequency ablation in painful osteolytic long bone metastases. <i>Acta Orthopaedica Belgica</i> . 2012;78(4):523-30. | Not intervention of interest |
| Dieguez Garcia, P., Fajardo Perez, M., Lopez Alvarez, S., Alfaro de la Torre, P., Pensado Castineiras, A. P. [Ultrasound-assisted approach to blocking the intercostal nerves in the mid-axillary line for non-reconstructive breast and axilla surgery]. <i>Revista Espanola de Anestesiologia y Reanimacion</i> . 2013;60(7):365-70. | Not intervention of interest |
| Dillow, J. M., Rosett, R. L., Petersen, T. R., Vagh, F. S., Hruschka, J. A., Lam, N. C. Ultrasound-guided parasacral approach to the sciatic nerve block in children. <i>Paediatric Anaesthesia</i> . 2013;23(11):1042-7. | Not intervention of interest |
| Ding, D. Y., Manoli, A., Galos, D. K., Jain, S., Tejawani, N. C. Continuous Popliteal Sciatic Nerve Block Versus Single Injection Nerve Block for Ankle Fracture Surgery: a Prospective Randomized Comparative Trial. <i>Journal of orthopaedic trauma</i> . 2015;29(9):393-398. | Not intervention of interest |

| Reference | Exclusion Reason |
|---|------------------------------|
| Doffert, J., Steinfeldt, T. [Regional anaesthesia in injuries of the upper extremity]. <i>Anesthesiologie, Intensivmedizin, Notfallmedizin, Schmerztherapie</i> . 2015;50(4):270-7; quiz 278. | Not intervention of interest |
| Dold, A. P., Murnaghan, L., Xing, J., Abdallah, F. W., Brull, R., Whelan, D. B. Preoperative femoral nerve block in hip arthroscopic surgery: a retrospective review of 108 consecutive cases. <i>American Journal of Sports Medicine</i> . 2014;42(1):144-9. | Not intervention of interest |
| Domzal, T., Szymanski, H., Zaleska, B. [Morphine epidural block in lumbosacral pain]. <i>Neurologia i Neurochirurgia Polska</i> . 1986;20(3):214-7. | Not intervention of interest |
| Donato, G., Valentino, P., Santucci, M., Amorosi, A., Pittelli, M., Maltese, L., Volpentesta, G., Lavano, A., Chirchiglia, D., Iannello, A. N., Ferraro, G., Signorelli, C. D. Calf pseudohypertrophy in a patient with double neurogenic pathology. <i>Clinical Neuropathology</i> . 2000;19(3):142-4. | Not intervention of interest |
| Dorigo, B., Bartoli, V., Grisillo, D., Beconi, D. Fibrositic myofascial pain in intermittent claudication. Effect of anesthetic block of trigger points on exercise tolerance. <i>Pain</i> . 1979;6(2):183-90. | Not intervention of interest |
| Dorman, B. H., Conroy, J. M., Duc, T. A., Jr., Haynes, G. R., Friedman, R. J. Postoperative analgesia after major shoulder surgery with interscalene brachial plexus blockade: etidocaine versus bupivacaine. <i>Southern Medical Journal</i> . 1994;87(4):502-5. | Not intervention of interest |
| Dorr, L. D., Raya, J., Long, W. T., Boutary, M., Sirianni, L. E. Multimodal analgesia without parenteral narcotics for total knee arthroplasty. <i>Journal of Arthroplasty</i> . 2008;23(4):502-8. | Not intervention of interest |
| Doury, P., Pattin, S., Eulry, F., Vasseur, P., Clement, R., Metges, P. J., Flageat, J., Brunot, J. [Severe algodystrophy of the foot simulating ischemic arteriopathy. Spectacular cure by regional sympathetic block with guanethidine]. <i>Annales de Medecine Interne</i> . 1987;138(1):45-8. | Not intervention of interest |
| Driessen, J. J., van der Werken, C., Nicolai, J. P., Crul, J. F. Clinical effects of regional intravenous guanethidine (Ismelin) in reflex sympathetic dystrophy. <i>Acta Anaesthesiologica Scandinavica</i> . 1983;27(6):505-9. | Not intervention of interest |
| Drott, C. Results of endoscopic thoracic sympathectomy (ETS) on hyperhidrosis, facial blushing, angina pectoris, vascular disorders and pain syndromes of the hand and arm. <i>Clinical Autonomic Research</i> . 2003;13 Suppl 1 :126-30. | Publication type |
| Drott, C., Claes, G., Gothberg, G., Paszkowski, P. Cardiac effects of endoscopic electrocautery of the upper thoracic sympathetic chain. <i>European Journal of Surgery, Acta Chirurgica, Supplement</i> . 1994; (572):65-70. | Not intervention of interest |

| Reference | Exclusion Reason |
|--|------------------------------|
| Drummond, P. D., Finch, P. M., Smythe, G. A. Reflex sympathetic dystrophy: the significance of differing plasma catecholamine concentrations in affected and unaffected limbs. <i>Brain</i> . 1991;114(Pt 5):2025-36. | Not intervention of interest |
| Dufeu, N., Marchand-Maillet, F., Atchabahian, A., Robert, N., Ait Yahia, Y., Milan, D., Robert, C., Coroir, M., Beaussier, M. Efficacy and safety of ultrasound-guided distal blocks for analgesia without motor blockade after ambulatory hand surgery. <i>Journal of Hand Surgery - American Volume</i> . 2014;39(4):737-43. | Not intervention of interest |
| Duflo, F., Qamouss, Y., Remond, C., Pouyau, A., Heilporn, A., Taylor, P., Paturel, B., Combet, S., Boselli, E., Chotel, F., Berard, J., Chassard, D. Patient-controlled regional analgesia is effective in children: a preliminary report. <i>Canadian Journal of Anaesthesia</i> . 2004;51(9):928-30. | Not intervention of interest |
| Dufour, E., Quennesson, P., Van Robais, A. L., Ledon, F., Laloe, P. A., Liu, N., Fischler, M. Combined ultrasound and neurostimulation guidance for popliteal sciatic nerve block: a prospective, randomized comparison with neurostimulation alone. <i>Anesthesia and analgesia</i> . 2008;106(5):1553-8. | Not intervention of interest |
| Dumont, P., Denoyer, A., Robin, P. Long-term results of thoracoscopic sympathectomy for hyperhidrosis. <i>Annals of Thoracic Surgery</i> . 2004;78(5):1801-7. | Not appropriate population |
| Duncan, J. A. Chemical lumbar sympathectomy. <i>Journal of Bone & Joint Surgery - British Volume</i> . 1985;67(2):174-5. | Not intervention of interest |
| Duncan, K. H., Lewis, R. C., Jr., Racz, G., Nordyke, M. D. Treatment of upper extremity reflex sympathetic dystrophy with joint stiffness using sympatholytic Bier blocks and manipulation. <i>Orthopedics</i> . 1988;11(6):883-6. | Not intervention of interest |
| Dunningham, T. H. The treatment of Sudeck's atrophy in the upper limb by sympathetic blockade. <i>Injury</i> . 1980;12(2):139-44. | Not intervention of interest |
| Dupre, L. J. [Three-in-one block or femoral nerve block. What should be done and how?]. <i>Annales Francaises d Anesthesie et de Reanimation</i> . 1996;15(7):1099-101. | Not intervention of interest |
| Durrani, Z. "Sciatic radicular pain" or piriformis muscle syndrome?. <i>Anesthesia & Analgesia</i> . 1989;69(2):260. | Not intervention of interest |
| Durrani, Z., Winnie, A. P. Piriformis muscle syndrome: an underdiagnosed cause of sciatica. <i>Journal of Pain & Symptom Management</i> . 1991;6(6):374-9. | Not intervention of interest |
| Durward, Q. J., Rice, G. P., Ball, M. J., Gilbert, J. J., Kaufmann, J. C. Selective spinal cordectomy: clinicopathological correlation. <i>Journal of Neurosurgery</i> . 1982;56(3):359-67. | Not intervention of interest |

| Reference | Exclusion Reason |
|--|---|
| Dyson, S. Some observations on lameness associated with pain in the proximal metacarpal region. <i>Equine Veterinary Journal</i> . 1988;Supplement.(6):43-52. | Not intervention of interest |
| E. Djibilian Fucci R,Pascual-Ramirez, J., Martinez-Marcos, A., Mantecon, J. M. Ultrasound-guided sciatic nerve pulsed radiofrequency for chronic knee pain treatment: a novel approach. <i>Journal of Anesthesia</i> . 2013;27(6):935-8. | Observational study of harms, excluded because no evidence for the intervention |
| Ebert, B., Ganser, J. [Axillary plexus catheter block in childhood and adolescence]. <i>Handchirurgie, Mikrochirurgie, Plastische Chirurgie</i> . 1997;29(6):303-6. | Not intervention of interest |
| Eckert, S., Hornburg, M., Frey, U., Kersten, J., Rathgeber, J. [Frozen shoulder--MRI-verified continuous block of suprascapular nerve]. <i>Anesthesiologie, Intensivmedizin, Notfallmedizin, Schmerztherapie</i> . 2001;36(8):514-7. | Not intervention of interest |
| Edmonds-Seal, J., Paterson, G. M., Loach, A. B. Local nerve blocks for postoperative analgesia. <i>Journal of the Royal Society of Medicine</i> . 1980;73(2):111-4. | Not intervention of interest |
| Edmonds-Seal, J., Paterson, G. M., Loach, A. B. Local nerve blocks for post-operative pain. <i>Acta Anaesthesiologica Belgica</i> . 1979;30 Suppl :233-40. | Not intervention of interest |
| Edmonds-Seal, J., Turner, A., Khodadadeh, S., Bader, D. L., Fuller, D. J. Regional hip blockade in osteoarthritis. Effects on pain perception. <i>Anaesthesia</i> . 1982;37(2):147-51. | Not intervention of interest |
| Edwards, J. L., Pandit, H., Popat, M. T. Perioperative analgesia: a factor in the development of heel pressure ulcers?. <i>British Journal of Nursing</i> . 2006;15(6):S20-5. | Not intervention of interest |
| Edwards, N. D., Wright, E. M. Continuous low-dose 3-in-1 nerve blockade for postoperative pain relief after total knee replacement. <i>Anesthesia & Analgesia</i> . 1992;75(2):265-7. | Not intervention of interest |
| Egeler, C., Jayakumar, A., Ford, S. Motor-sparing knee block - description of a new technique. <i>Anaesthesia</i> . 2013;68(5):542-3. | Not intervention of interest |
| Ehrl, D., Erne, H. C., Broer, P. N., Metz, C., Falter, E. Outcomes of denervation, joint lavage and capsular imbrication for painful thumb carpometacarpal joint osteoarthritis. <i>Journal of Hand Surgery: European Volume</i> . 2016;41(9):904-909. | Not intervention of interest |
| Ehrl, D., Erne, H. C., Broer, P. N., Metz, C., Falter, E. Painful thumb carpometacarpal joint osteoarthritis: Results of a novel treatment approach. <i>Journal of Plastic, Reconstructive & Aesthetic Surgery: JPRAS</i> . 2016;69(7):972-6. | Not intervention of interest |

| Reference | Exclusion Reason |
|--|----------------------------------|
| Ekatodramis, G., Borgeat, A., Huledal, G., Jeppsson, L., Westman, L., Sjoval, J. Continuous interscalene analgesia with ropivacaine 2 mg/ml after major shoulder surgery. <i>Anesthesiology</i> . 2003;98(1):143-50. | Not intervention of interest |
| Eker, H. E., Cok, O. Y., Aribogan, A. A treatment option for post-injection sciatic neuropathy: transsacral block with methylprednisolone. <i>Pain Physician</i> . 2010;13(5):451-6. | Not intervention of interest |
| Ekerot, L., Holmberg, J., Eiken, O. Denervation of the wrist. <i>Scandinavian Journal of Plastic & Reconstructive Surgery</i> . 1983;17(2):155-7. | Full text could not be retrieved |
| El Samadoni, A., Nada, A., Mostafa, H. Thoracoscopic sympathectomy is a valuable addition in the management of recreational intra-arterial drug injection. Pilot study. <i>International Journal Of Surgery</i> . 2010;8(3):229-32. | Not intervention of interest |
| el-Gammal, T. A., Blair, W. F. Digital periarterial sympathectomy for ischaemic digital pain and ulcers. <i>Journal of Hand Surgery - British Volume</i> . 1991;16(4):382-5. | Not intervention of interest |
| Eledjam, J. J., Cuvillon, P., Capdevila, X., Macaire, P., Serri, S., Gaertner, E., Jochum, D., French study, group. Postoperative analgesia by femoral nerve block with ropivacaine 0.2% after major knee surgery: continuous versus patient-controlled techniques. <i>Regional Anesthesia & Pain Medicine</i> . 2002;27(6):604-11. | Not intervention of interest |
| Elhakim, M., Sadek, R. A. Addition of atracurium to lidocaine for intravenous regional anaesthesia. <i>Acta Anaesthesiologica Scandinavica</i> . 1994;38(6):542-4. | Not intervention of interest |
| Elliot, D., Lloyd, M., Hazari, A., Sauerland, S., Anand, P. Relief of the pain of neuromas-in-continuity and scarred median and ulnar nerves in the distal forearm and wrist by neurolysis, wrapping in vascularized forearm fascial flaps and adjunctive procedures. <i>Journal of Hand Surgery: European Volume</i> . 2010;35(7):575-82. | Not intervention of interest |
| Elliot, D., Sierakowski, A. The surgical management of painful nerves of the upper limb: a unit perspective. <i>Journal of Hand Surgery: European Volume</i> . 2011;36(9):760-70. | Publication type |
| Elliot, R., Pearce, C. J., Seifert, C., Calder, J. D. Continuous infusion versus single bolus popliteal block following major ankle and hindfoot surgery: a prospective, randomized trial. <i>Foot & Ankle International</i> . 2010;31(12):1043-7. | Not intervention of interest |
| Ellis, G. L., Owens, A. The efficacy and acceptability of using a jet injector in performing digital blocks. <i>American Journal of Emergency Medicine</i> . 1993;11(6):648-50. | Not intervention of interest |

| Reference | Exclusion Reason |
|---|------------------------------|
| Elmas, C., Atanassoff, P. G. Combined inguinal paravascular (3-in-1) and sciatic nerve blocks for lower limb surgery. <i>Regional Anesthesia</i> . 1993;18(2):88-92. | Not intervention of interest |
| Embey-Isztin, D. The role of neurolytic obturator nerve block to relieve pain due to cancer and osteoarthritis. <i>Ideggyogyaszati Szemle</i> . 2009;62(7-8):262-4. | Observational study n < 10 |
| Emerson, R. H., Jr., Barrington, J. W., Olugbode, O., Lovald, S., Watson, H., Ong, K. Femoral Nerve Block Versus Long-Acting Wound Infiltration in Total Knee Arthroplasty. <i>Orthopedics</i> . 2016;39(3):e449-55. | Not intervention of interest |
| Emery, P., Bowman, S., Wedderburn, L., Grahame, R. Suprascapular nerve block for chronic shoulder pain in rheumatoid arthritis. <i>BMJ</i> . 1989;299(6707):1079-80. | Not intervention of interest |
| Engkvist, O., Wahren, L. K., Wallin, G., Torebjrk, E., Nystrom, B. Effects of regional intravenous guanethidine block in posttraumatic cold intolerance in hand amputees. <i>Journal of Hand Surgery - British Volume</i> . 1985;10(2):145-50. | Not intervention of interest |
| Enneking, F. K., Morey, T. E. Continuous postoperative infusion of a regional anesthetic after an amputation of the lower extremity. A randomized clinical trial. <i>Journal of Bone & Joint Surgery - American Volume</i> . 1997;79(11):1752-3. | Not intervention of interest |
| Eroglu, A., Uzunlar, H., Sener, M., Akinturk, Y., Erciyes, N. A clinical comparison of equal concentration and volume of ropivacaine and bupivacaine for interscalene brachial plexus anesthesia and analgesia in shoulder surgery. <i>Regional Anesthesia & Pain Medicine</i> . 2004;29(6):539-43. | Not intervention of interest |
| Esmaoglu, A., Mizrak, A., Akin, A., Turk, Y., Boyaci, A. Addition of dexmedetomidine to lidocaine for intravenous regional anaesthesia. <i>European Journal of Anaesthesiology</i> . 2005;22(6):447-51. | Not intervention of interest |
| Esparza Minana, J. M., Londono Parra, M., Villanueva Perez, V. L., De Andres Ibanez, J. [New options in the treatment of painful shoulder syndrome]. <i>Semergen Sociedad Espanola de Medicina Rural y Generalista</i> . 2012;38(1):40-3. | Publication type |
| Espelund, M., Fomsgaard, J. S., Haraszuk, J., Dahl, J. B., Mathiesen, O. The efficacy of adductor canal blockade after minor arthroscopic knee surgery - a randomised controlled trial. <i>Acta Anaesthesiologica Scandinavica</i> . 2014;58(3):273-80. | Not intervention of interest |
| Espelund, M., Grevstad, U., Jaeger, P., Holmich, P., Kjeldsen, L., Mathiesen, O., Dahl, J. B. Adductor canal blockade for moderate to severe pain after arthroscopic knee surgery: a randomized controlled trial. <i>Acta Anaesthesiologica Scandinavica</i> . 2014;58(10):1220-7. | Not intervention of interest |

| Reference | Exclusion Reason |
|---|------------------------------|
| Esteve, M., Veillette, Y., Ecoffey, C., Orhant, E. E. [Continuous block of the femoral nerve after surgery of the knee: pharmacokinetics of bupivacaine]. <i>Annales Francaises d Anesthesie et de Reanimation</i> . 1990;9(4):322-5. | Not intervention of interest |
| Esteves, S., Sa, P., Figueiredo, D., Perez Souto, A. [Duration and quality of postoperative analgesia after brachial plexus block for shoulder surgery: ropivacaine 0.5% versus ropivacaine 0.5% plus clonidine]. <i>Revista Espanola de Anestesiologia y Reanimacion</i> . 2002;49(6):302-5. | Not intervention of interest |
| Evans, P. J., McQuay, H. J., Lloyd, J. W., Jack, T. M., Bullingham, R. E., Moore, R. A. Regional hip blockade for chronic orthopaedic pain. <i>Anaesthesia</i> . 1982;37(11):1133. | Not intervention of interest |
| Eyigor, C., Eyigor, S., Akdeniz, S., Uyar, M. Effects of intra-articular application of pulsed radiofrequency on pain, functioning and quality of life in patients with advanced knee osteoarthritis. <i>Journal of Back & Musculoskeletal Rehabilitation</i> . 2015;28(1):129-34. | Not intervention of interest |
| Factor, D., Perlas, A. Ultrasound-assisted lumbar plexus block in a patient with scoliosis. <i>Regional Anesthesia & Pain Medicine</i> . 2010;35(6):568-9. | Not intervention of interest |
| Falcao, L. F., Perez, M. V., de Castro, I., Yamashita, A. M., Tardelli, M. A., Amaral, J. L. Minimum effective volume of 0.5% bupivacaine with epinephrine in ultrasound-guided interscalene brachial plexus block. <i>British Journal of Anaesthesia</i> . 2013;110(3):450-5. | Not intervention of interest |
| Falyar, C. R. Ultrasound-guided procedures in anesthesia. <i>AANA Journal</i> . 2013;81(5):337-9. | Not intervention of interest |
| Fan, L., Ge, Z., Zhang, C., Li, J., Yu, Z., Dang, X., Wang, K. Circumferential electrocautery of the patella in primary total knee replacement without patellar replacement: a meta-analysis and systematic review. <i>Scientific Reports</i> . 2015;5 :9393. | Not intervention of interest |
| Fan, L., Yu, X., Zan, P., Liu, J., Ji, T., Li, G. Comparison of Local Infiltration Analgesia With Femoral Nerve Block for Total Knee Arthroplasty: A Prospective, Randomized Clinical Trial. <i>Journal of Arthroplasty</i> . 2016;31(6):1361-5. | Not intervention of interest |
| Fan, L., Zhu, C., Zan, P., Yu, X., Liu, J., Sun, Q., Li, G. The Comparison of Local Infiltration Analgesia with Peripheral Nerve Block following Total Knee Arthroplasty (TKA): A Systematic Review with Meta-Analysis. <i>Journal of Arthroplasty</i> . 2015;30(9):1664-71. | Not intervention of interest |
| Fanucci, E., Masala, S., Sodani, G., Varrucchi, V., Romagnoli, A., Squillaci, E., Simonetti, G. CT-guided injection of botulinic toxin for percutaneous therapy of piriformis muscle syndrome with preliminary MRI results about denervative process. <i>European Radiology</i> . 2001;11(12):2543-8. | Not intervention of interest |

| Reference | Exclusion Reason |
|--|------------------------------|
| Farah, R. S., Thomas, P. S. Sympathetic blockade and tourniquet pain in surgery of the upper extremity. <i>Anesthesia & Analgesia</i> . 1987;66(10):1033-5. | Not intervention of interest |
| Faraj, A. A., Mulholland, R. C. The value of nerve root infiltration for leg pain when used with a nerve stimulator. <i>European Spine Journal</i> . 2006;15(10):1495-9. | Not intervention of interest |
| Farcot, J. M., Grasser, C., Foucher, G., Marin-Braun, F., Ehrler, S., Demangeat, J. L., Constantinesco, A. [Local intravenous treatment of algodystrophy of the hand: buflomedil versus guanethidine, long term follow-up]. <i>Annales de Chirurgie de la Main et du Membre Superieur</i> . 1990;9(4):296-304. | Not intervention of interest |
| Farny, J., Girard, M., Drolet, P. Posterior approach to the lumbar plexus combined with a sciatic nerve block using lidocaine. <i>Canadian Journal of Anaesthesia</i> . 1994;41(6):486-91. | Not intervention of interest |
| Farrell, M. E., Gutierrez, G., Desai, M. J. Demonstration of Lesions Produced by Cooled Radiofrequency Neurotomy for Chronic Osteoarthritic Knee Pain: A Case Presentation. <i>Pm & R</i> . 2017;9(3):314-317. | Observational study n < 10 |
| Fayard, J. J. [Nerve block analgesia after surgery of the knee]. <i>Cahiers d Anesthesiologie</i> . 1995;43(6):601-3. | Not intervention of interest |
| Felfernig, M., Marhofer, P., Weintraud, M., Huber, G., Duma, A., Nosa, A., Kapral, S. Use of ropivacaine and lidocaine for axillary plexus blockade. <i>African Journal of Paediatric Surgery:AJPS</i> . 2010;7(2):101-4. | Not intervention of interest |
| Ferguson, K., Thomson, A. G., Moir, J. S. Case study: Epidermoid cyst following percutaneous Topaz coblation for plantar fasciitis. <i>Foot</i> . 2012;22(1):46-7. | Not intervention of interest |
| Fernandes, L., Goodwill, C. J., Wright, M. G. Local anaesthetic nerve block in the treatment of intractable pain from osteoarthritis of the hip. <i>Rheumatology & Rehabilitation</i> . 1978;17(4):249-53. | Not intervention of interest |
| Ferreres, A., Suso, S., Foucher, G., Ordi, J., Llusa, M., Ruano, D. Wrist denervation. Surgical considerations. <i>Journal of Hand Surgery - British Volume</i> . 1995;20(6):769-72. | No outcome of interest |
| Fewings, J. D., Rand, M. J., Scroop, G. C., Whelan, R. F. The action of nicotine on the blood vessels of the hand and forearm in man. <i>British Journal of Pharmacology & Chemotherapy</i> . 1966;26(3):567-79. | Not intervention of interest |
| Fewtrell, M. S., Sapsford, D. J., Herrick, M. J., Noble-Jamieson, G., Russell, R. I. Continuous axillary nerve block for chronic pain. <i>Archives of Disease in Childhood</i> . 1994;70(1):54-5. | Not intervention of interest |
| Finkenzeller, T., Techert, J., Lenhart, M., Link, J., Feuerbach, S. [CT-guided thoracal sympathicolysis for the treatment of peripheral arterial occlusive disease and chronic thoracal pain syndromes in 6 patients]. <i>Rofo</i> : | Not in English |

| Reference | Exclusion Reason |
|---|------------------------------|
| <i>Fortschritte auf dem Gebiete der Rontgenstrahlen und der Nuklearmedizin.</i> 2001;173(10):920-3. | |
| Finney, L. A., Johns, D. K., Buermann, A. Lumbar Disc Disease with Amputated or Denervated Legs. <i>Archives of Neurology.</i> 1964;10 :473-4. | Not intervention of interest |
| Fioravanti, A., Bisogno, S., Nerucci, F., Cicero, M. R., Locunsolo, S., Marcolongo, R. [Evaluation of the efficacy and tolerance of radioactive fangothrapy in gonarthrosis. Comparative study versus short wave therapy]. <i>Minerva Medica.</i> 2000;91(11-12):291-8. | Not in English |
| Fiorelli, A., Vicidomini, G., Laperuta, P., Busiello, L., Perrone, A., Napolitano, F., Messina, G., Santini, M. Pre-emptive local analgesia in video-assisted thoracic surgery sympathectomy. <i>European Journal of Cardio-Thoracic Surgery.</i> 2010;37(3):588-93. | Not intervention of interest |
| Firnhaber-Burgos, J. B., Gupta, P. Lower extremity complex regional pain syndrome type II after a craniotomy: case report. <i>Journal of Clinical Anesthesia.</i> 2011;23(6):502-4. | Not intervention of interest |
| Fischler, A. H., Gross, J. B. Ultrasound-guided sciatic neuroma block for treatment of intractable stump pain. <i>Journal of Clinical Anesthesia.</i> 2007;19(8):626-8. | Not intervention of interest |
| Fisher, A., Meller, Y. Continuous postoperative regional analgesia by nerve sheath block for amputation surgery--a pilot study. <i>Anesthesia & Analgesia.</i> 1991;72(3):300-3. | Not intervention of interest |
| Fisher, G. T., Boswick, J. A., Jr. Neuroma formation following digital amputations. <i>Journal of Trauma-Injury Infection & Critical Care.</i> 1983;23(2):136-42. | Not intervention of interest |
| Fishman, S. M., Caneris, O. A., Bandman, T. B., Audette, J. F., Borsook, D. Injection of the piriformis muscle by fluoroscopic and electromyographic guidance. <i>Regional Anesthesia & Pain Medicine.</i> 1998;23(6):554-9. | Not intervention of interest |
| Fisker, A. K., Iversen, B. N., Christensen, S., Linde, F., Nielsen, K. K., Borglum, J., Bendtsen, T. F. Combined saphenous and sciatic catheters for analgesia after major ankle surgery: a double-blinded randomized controlled trial. <i>Canadian Journal of Anaesthesia.</i> 2015;62(8):875-82. | Not intervention of interest |
| Fitzsimmons, D., Phillips, C. J., Bennett, H., Jones, M., Williams, N., Lewis, R., Sutton, A., Matar, H. E., Din, N., Burton, K., Nafees, S., Hendry, M., Rickard, I., Wilkinson, C. Cost-effectiveness of different strategies to manage patients with sciatica. <i>Pain.</i> 2014;155(7):1318-27. | Not appropriate population |
| Flory, N., Van-Gessel, E., Donald, F., Hoffmeyer, P., Gamulin, Z. Does the addition of morphine to brachial plexus block improve analgesia after shoulder surgery?. <i>British Journal of Anaesthesia.</i> 1995;75(1):23-6. | Not intervention of interest |

| Reference | Exclusion Reason |
|--|------------------------------|
| Foley, S., Gibbs, H., Muir, J. Painful digital infarction in a male smoker treated as Buerger's disease. <i>Australasian Journal of Dermatology</i> . 2008;49(2):94-7. | Publication type |
| Fontana, C., Di Donato, A., Di Giacomo, G., Costantini, A., De Vita, A., Lancia, F., Caricati, A. Postoperative analgesia for arthroscopic shoulder surgery: a prospective randomized controlled study of intraarticular, subacromial injection, interscalenic brachial plexus block and intraarticular plus subacromial injection efficacy. <i>European Journal of Anaesthesiology</i> . 2009;26(8):689-93. | Not intervention of interest |
| Forslund, L., Kovamees, A., McCarthy, G. Sympathetic blocks. <i>Acta Chirurgica Scandinavica - Supplementum</i> . 1978;482 :67-8. | Not intervention of interest |
| Fouch, R. A., Abram, S. E., Hogan, Q. H. Neural blockade for upper-extremity pain. <i>Hand Clinics</i> . 1996;12(4):791-800. | Not intervention of interest |
| Foucher, G., Da Silva, J. B. [Denervation of the wrist]. <i>Annales de Chirurgie de la Main et du Membre Superieur</i> . 1992;11(4):292-5. | Not in English |
| Foucher, G., Da Silva, J. B., Ferreres, A. [Total denervation of the wrist. Apropos of 50 cases]. <i>Revue de Chirurgie Orthopedique et Reparatrice de l Appareil Moteur</i> . 1992;78(3):186-90. | Not in English |
| Foucher, G., Long Pretz, P., Erhard, L. [Joint denervation, a simple response to complex problems in hand surgery]. <i>Chirurgie</i> . 1998;123(2):183-8. | Not in English |
| Fournier, R., Faust, A., Chassot, O., Gamulin, Z. Levobupivacaine 0.5% provides longer analgesia after sciatic nerve block using the Labat approach than the same dose of ropivacaine in foot and ankle surgery. <i>Anesthesia & Analgesia</i> . 2010;110(5):1486-9. | Not intervention of interest |
| Fournier, R., Faust, A., Chassot, O., Gamulin, Z. Perineural clonidine does not prolong levobupivacaine 0.5% after sciatic nerve block using the Labat approach in foot and ankle surgery. <i>Regional Anesthesia & Pain Medicine</i> . 2012;37(5):521-4. | Not intervention of interest |
| Fournier, R., Haller, G., Hoffmeyer, P., Gamulin, Z. Suprascapular nerve block by a new anterior approach for perioperative analgesia during major scapular surgery in two patients. <i>Regional Anesthesia & Pain Medicine</i> . 2001;26(3):288-9. | Not intervention of interest |
| Fowler, S. J., Symons, J., Sabato, S., Myles, P. S. Epidural analgesia compared with peripheral nerve blockade after major knee surgery: a systematic review and meta-analysis of randomized trials. <i>British Journal of Anaesthesia</i> . 2008;100(2):154-64. | Not intervention of interest |
| Fox, J. L. Orthostatic hypotension following bilateral percutaneous cordotomy. A case report of treatment with anti-G suit. <i>Acta Neurochirurgica</i> . 1971;24(3):219-24. | Not intervention of interest |

| Reference | Exclusion Reason |
|---|------------------------------|
| Foxall, G. L., Hardman, J. G., Bedforth, N. M. Three-dimensional, multiplanar, ultrasound-guided, radial nerve block. <i>Regional Anesthesia & Pain Medicine</i> . 2007;32(6):516-21. | Not intervention of interest |
| Franco, C. D., Choksi, N., Rahman, A., Voronov, G., Almachnouk, M. H. A subgluteal approach to the sciatic nerve in adults at 10 cm from the midline. <i>Regional Anesthesia & Pain Medicine</i> . 2006;31(3):215-20. | Not intervention of interest |
| Franco, C. D., Domashevich, V., Voronov, G., Rafizad, A. B., Jelev, T. J. The supraclavicular block with a nerve stimulator: to decrease or not to decrease, that is the question. <i>Anesthesia & Analgesia</i> . 2004;98(4):1167-71, table of contents. | Not intervention of interest |
| Fraser, T. W., Doty, J. F. Peripheral Nerve Blocks in Foot and Ankle Surgery. <i>Orthopedic Clinics of North America</i> . 2017;48(4):507-515. | Not intervention of interest |
| Frassanito, L., Vergari, A., Messina, A., Pitoni, S., Puglisi, C., Chierichini, A. Anaesthesia for total knee arthroplasty: efficacy of single-injection or continuous lumbar plexus associated with sciatic nerve blocks--a randomized controlled study. <i>European review for medical and pharmacological sciences</i> . 2009;13(5):375-382. | Not intervention of interest |
| Frederic, A., Bouchon, Y. [Analgesia in surgery of the foot. Apropos of 1373 patients]. <i>Cahiers d Anesthesiologie</i> . 1996;44(2):115-8. | Not intervention of interest |
| Frederiksen, B. S., Koscielniak-Nielsen, Z. J., Jacobsen, R. B., Rasmussen, H., Hesselbjerg, L. Procedural pain of an ultrasound-guided brachial plexus block: a comparison of axillary and infraclavicular approaches. <i>Acta Anaesthesiologica Scandinavica</i> . 2010;54(4):408-13. | Not intervention of interest |
| Fredrickson Fanzca, M. J., Danesh-Clough, T. K., White, R. Adjuvant dexamethasone for bupivacaine sciatic and ankle blocks: results from 2 randomized placebo-controlled trials. <i>Regional Anesthesia & Pain Medicine</i> . 2013;38(4):300-7. | Not intervention of interest |
| Fredrickson, M. J. Ultrasound-assisted interscalene catheter placement in a child. <i>Anaesthesia & Intensive Care</i> . 2007;35(5):807-8. | Not intervention of interest |
| Fredrickson, M. J., Abeysekera, A., Price, D. J., Wong, A. C. Patient-initiated mandatory boluses for ambulatory continuous interscalene analgesia: an effective strategy for optimizing analgesia and minimizing side-effects. <i>British Journal of Anaesthesia</i> . 2011;106(2):239-45. | Not intervention of interest |
| Fredrickson, M. J., Ball, C. M., Dalglish, A. J. Posterior versus anterolateral approach interscalene catheter placement: a prospective randomized trial. <i>Regional Anesthesia & Pain Medicine</i> . 2011;36(2):125-33. | Not intervention of interest |
| Fredrickson, M. J., Ball, C. M., Dalglish, A. J. Reply to Dr. Cornish. <i>Regional Anesthesia & Pain Medicine</i> . 2010;35(5):471. | Publication type |

| Reference | Exclusion Reason |
|---|------------------------------|
| Fredrickson, M. J., Ball, C. M., Dalgleish, A. J. Analgesic effectiveness of a continuous versus single-injection interscalene block for minor arthroscopic shoulder surgery.[Erratum appears in Reg Anesth Pain Med. 2010 Mar-Apr;35(2):226 Note: Fredrickson, Michel J [corrected to Fredrickson, Michael J]]. <i>Regional Anesthesia & Pain Medicine</i> . 2010;35(1):28-33. | Not intervention of interest |
| Fredrickson, M. J., Ball, C. M., Dalgleish, A. J. Successful continuous interscalene analgesia for ambulatory shoulder surgery in a private practice setting. <i>Regional Anesthesia & Pain Medicine</i> . 2008;33(2):122-8. | Not intervention of interest |
| Fredrickson, M. J., Ball, C. M., Dalgleish, A. J., Stewart, A. W., Short, T. G. A prospective randomized comparison of ultrasound and neurostimulation as needle end points for interscalene catheter placement. <i>Anesthesia & Analgesia</i> . 2009;108(5):1695-700. | Not intervention of interest |
| Fredrickson, M. J., Danesh-Clough, T. K. Ambulatory continuous femoral analgesia for major knee surgery: a randomised study of ultrasound-guided femoral catheter placement. <i>Anaesthesia & Intensive Care</i> . 2009;37(5):758-66. | Not intervention of interest |
| Fredrickson, M. J., Krishnan, S., Chen, C. Y. Postoperative analgesia for shoulder surgery: a critical appraisal and review of current techniques. <i>Anaesthesia</i> . 2010;65(6):608-24. | Not intervention of interest |
| Fredrickson, M. J., Price, D. J. Analgesic effectiveness of ropivacaine 0.2% vs 0.4% via an ultrasound-guided C5-6 root/superior trunk perineural ambulatory catheter. <i>British Journal of Anaesthesia</i> . 2009;103(3):434-9. | Not intervention of interest |
| Fredrickson, M. J., Smith, K. R., Wong, A. C. Importance of volume and concentration for ropivacaine interscalene block in preventing recovery room pain and minimizing motor block after shoulder surgery. <i>Anesthesiology</i> . 2010;112(6):1374-81. | Not intervention of interest |
| Fredrickson, M. J., White, R., Danesh-Clough, T. K. Low-volume ultrasound-guided nerve block provides inferior postoperative analgesia compared to a higher-volume landmark technique. <i>Regional Anesthesia & Pain Medicine</i> . 2011;36(4):393-8. | Not intervention of interest |
| Fredrickson, M., Borgeat, A. Continuous interscalene block is preferable to the 'shoulder block' for postoperative analgesia following shoulder surgery. <i>Anaesthesia & Intensive Care</i> . 2008;36(1):119-20; author reply 120-1. | Not intervention of interest |
| Frenkel, O., Liebmann, O., Fischer, J. W. Ultrasound-guided forearm nerve blocks in kids: a novel method for pain control in the treatment of hand-injured pediatric patients in the emergency department. <i>Pediatric Emergency Care</i> . 2015;31(4):255-9. | Not intervention of interest |

| Reference | Exclusion Reason |
|--|------------------------------|
| Frerichs, J. A., Janis, L. R. Preemptive analgesia in foot and ankle surgery. <i>Clinics in Podiatric Medicine & Surgery</i> . 2003;20(2):237-56. | Not intervention of interest |
| Frighetto, L., De Salles, A., Wallace, R., Ford, J., Selch, M., Cabatan-Awang, C., Solberg, T. Linear accelerator thalamotomy. <i>Surgical Neurology</i> . 2004;62(2):106-13; discussion 113-4. | Not intervention of interest |
| Fritsch, A., Kokoschka, R., Mach, K. [Results of thoracoscopic sympathectomy in hyperhidrosis of the upper extremities (author's transl)]. <i>Wiener Klinische Wochenschrift</i> . 1975;87(17):548-50. | Not appropriate population |
| Fritsch, G., Danninger, T., Allerberger, K., Tsodikov, A., Felder, T. K., Kapeller, M., Gerner, P., Brummett, C. M. Dexmedetomidine added to ropivacaine extends the duration of interscalene brachial plexus blocks for elective shoulder surgery when compared with ropivacaine alone: a single-center, prospective, triple-blind, randomized controlled trial. <i>Regional Anesthesia & Pain Medicine</i> . 2014;39(1):37-47. | Not intervention of interest |
| Fritze, P., Anderl, S., Marouf, A., Cumlivski, R., Muller, Ch, Pernicka, E., Redl, G. Pain therapy using stimulating catheters after total knee arthroplasty. <i>Schmerz (berlin, germany)</i> . 2009;23(3):292-298. | Not intervention of interest |
| Frizelle, H. P., Zetlaoui, P. J. Postoperative analgesia for arthrolysis of the elbow joint. <i>British Journal of Anaesthesia</i> . 1995;75(3):372. | Not intervention of interest |
| Frohm, R. M., Raw, R. M., Haider, N., Boezaart, A. P. Epidural spread after continuous cervical paravertebral block: a case report. <i>Regional Anesthesia & Pain Medicine</i> . 2006;31(3):279-81. | Not intervention of interest |
| Fu, H., Wang, J., Zhang, W., Cheng, T., Zhang, X. Potential superiority of periarticular injection in analgesic effect and early mobilization ability over femoral nerve block following total knee arthroplasty. <i>Knee Surgery, Sports Traumatology, Arthroscopy</i> . 2017;25(1):291-298. | Not intervention of interest |
| Fu, P., Weyker, P. D., Webb, C. A. Case Report of Serratus Plane Catheter for Pain Management in a Patient With Multiple Rib Fractures and an Inferior Scapular Fracture. <i>A & A Case Reports</i> . 2017;8(6):132-135. | Not intervention of interest |
| Fuchsberger, T., Boesch, C. E., Tonagel, F., Fischborn, T., Schaller, H. E., Gonsler, P. Patient-rated long-term results after complete denervation of the wrist. <i>Journal of Plastic, Reconstructive & Aesthetic Surgery: JPRAS</i> . 2018;71(1):57-61. | No outcome of interest |
| Fujii, T., Nagaro, T., Tsubota, S., Takechi, K., Higaki, N., Yorozyua, T. Case reports: management of intractable upper extremity pain with continuous subarachnoid block at the low cervical level without impairment of upper extremity function. <i>Anesthesia & Analgesia</i> . 2010;110(6):1721-4. | Not intervention of interest |

| Reference | Exclusion Reason |
|--|------------------------------|
| Fujino, Y., Fukui, M., Nosaka, S., Matsumoto, T. [Case of radial nerve injury induced by withdrawing a catheter from the cephalic vein]. <i>Masui - Japanese Journal of Anesthesiology</i> . 2004;53(9):1032-4. | Not intervention of interest |
| Fujita, M., Mann, T., Mann, O., Berg, D. Surgical pearl: use of nerve blocks for botulinum toxin treatment of palmar-plantar hyperhidrosis. <i>Journal of the American Academy of Dermatology</i> . 2001;45(4):587-9. | Not intervention of interest |
| Fukuoka, T., Noguchi, K. Contribution of the spared primary afferent neurons to the pathomechanisms of neuropathic pain. <i>Molecular Neurobiology</i> . 2002;26(1):57-67. | Not intervention of interest |
| Funk, W., Angerer, M., Sauer, K., Altmeyen, J. [Brachial plexus. Long lasting neurological deficit following interscalene blockade of the brachial plexus]. <i>Anaesthesist</i> . 2000;49(7):625-8. | Not intervention of interest |
| Furlan, A. D., Lui, P. W., Mailis, A. Chemical sympathectomy for neuropathic pain: does it work? Case report and systematic literature review. <i>Clinical Journal of Pain</i> . 2001;17(4):327-36. | Not intervention of interest |
| Fuzier, R., Fourcade, O., Fuzier, V., Arnold, S., Torrie, J., Olivier, M. The feasibility and efficacy of short axillary catheters for emergency upper limb surgery: a descriptive series of 120 cases. <i>Anesthesia & Analgesia</i> . 2006;102(2):610-4. | Not intervention of interest |
| Fuzier, R., Fuzier, V., Albert, N., Decramer, I., Samii, K., Olivier, M. The infraclavicular block is a useful technique for emergency upper extremity analgesia. <i>Canadian Journal of Anaesthesia</i> . 2004;51(2):191-2. | Not intervention of interest |
| Fuzier, R., Lavidale, M., Bataille, B., Richez, A. S., Magues, J. P. [Anxiety: an independent factor of axillary brachial plexus block failure?]. <i>Annales Francaises d Anesthesie et de Reanimation</i> . 2010;29(11):776-81. | Not intervention of interest |
| Gado, K., Emery, P. Modified suprascapular nerve block with bupivacaine alone effectively controls chronic shoulder pain in patients with rheumatoid arthritis. <i>Annals of the Rheumatic Diseases</i> . 1993;52(3):215-8. | Not intervention of interest |
| Gadsden, J. C., Tsai, T., Iwata, T., Somasundaram, L., Robards, C., Hadzic, A. Low interscalene block provides reliable anesthesia for surgery at or about the elbow. <i>Journal of Clinical Anesthesia</i> . 2009;21(2):98-102. | Not intervention of interest |
| Gadsden, J., Hadzic, A., Gandhi, K., Shariat, A., Xu, D., Maliakal, T., Patel, V. The effect of mixing 1.5% mepivacaine and 0.5% bupivacaine on duration of analgesia and latency of block onset in ultrasound-guided interscalene block. <i>Anesthesia & Analgesia</i> . 2011;112(2):471-6. | Not intervention of interest |
| Gaertner, E., Lascrain, P., Venet, C., Maschino, X., Zamfir, A., Lupescu, R., Hadzic, A. Continuous parasacral sciatic block: a radiographic study. <i>Anesthesia & Analgesia</i> . 2004;98(3):831-4, table of contents. | Not intervention of interest |

| Reference | Exclusion Reason |
|---|------------------------------|
| Galindo-Ciocon, D. Use of caudal epidural blocks to relieve lumbar canal stenotic pain in elderly patients. <i>AORN Journal</i> . 1996;63(1):254-7. | Not intervention of interest |
| Gallay, S. H., Lobo, J. J., Baker, J., Smith, K., Patel, K. Development of a regional model of care for ambulatory total shoulder arthroplasty: a pilot study. <i>Clinical Orthopaedics & Related Research</i> . 2008;466(3):563-72. | Not intervention of interest |
| Galvin, E. M., Niehof, S., Medina, H. J., Zijlstra, F. J., van Bommel, J., Klein, J., Verbrugge, S. J. Thermographic temperature measurement compared with pinprick and cold sensation in predicting the effectiveness of regional blocks. <i>Anesthesia & Analgesia</i> . 2006;102(2):598-604. | Not intervention of interest |
| Gamo, K., Kuriyama, K., Higuchi, H., Uesugi, A., Nakase, T., Hamada, M., Kawai, H. Ultrasound-guided supraclavicular brachial plexus block in upper limb surgery: outcomes and patient satisfaction. <i>Bone & Joint Journal</i> . 2014;96-B(6):795-9. | Not intervention of interest |
| Ganapathy, S. Wound/intra-articular infiltration or peripheral nerve blocks for orthopedic joint surgery: efficacy and safety issues. <i>Current Opinion in Anaesthesiology</i> . 2012;25(5):615-20. | Not intervention of interest |
| Gandevia, S. C., Smith, J. L., Crawford, M., Proske, U., Taylor, J. L. Motor commands contribute to human position sense. <i>Journal of Physiology</i> . 2006;571(Pt 3):703-10. | Not intervention of interest |
| Ganesh, A., Wells, L., Ganley, T., Maxwell, L. G., Cucchiario, G. Interscalene brachial plexus block for post-operative analgesia following shoulder arthroscopy in children and adolescents. <i>Acta Anaesthesiologica Scandinavica</i> . 2008;52(1):162-3. | Not intervention of interest |
| Garcia-Larrea, L., Charles, N., Sindou, M., Manguiere, F. Flexion reflexes following anterolateral cordotomy in man: dissociation between pain sensation and nociceptive reflex RIII. <i>Pain</i> . 1993;55(2):139-49. | Not intervention of interest |
| Garner, L., Coats, R. R. Ipsilateral stellate ganglion block effective for treating shoulder pain after thoracotomy. <i>Anesthesia & Analgesia</i> . 1994;78(6):1195-6. | Not intervention of interest |
| Gartke, K., Portner, O., Taljaard, M. Neuropathic symptoms following continuous popliteal block after foot and ankle surgery. <i>Foot & Ankle International</i> . 2012;33(4):267-74. | Not intervention of interest |
| Gautier, P. E., De Kock, M., Van Steenberge, A., Poth, N., Lahaye-Goffart, B., Fanard, L., Hody, J. L. Intrathecal ropivacaine for ambulatory surgery. <i>Anesthesiology</i> . 1999;91(5):1239-45. | Not intervention of interest |
| Gautier, P. E., Hadzic, A., Lecoq, J. P., Brichant, J. F., Kuroda, M. M., Vandepitte, C. Distribution of Injectate and Sensory-Motor Blockade After Adductor Canal Block. <i>Anesthesia & Analgesia</i> . 2016;122(1):279-82. | Not intervention of interest |

| Reference | Exclusion Reason |
|---|------------------------------|
| Gautier, P., Vandepitte, C., Ramquet, C., DeCoopman, M., Xu, D., Hadzic, A. The minimum effective anesthetic volume of 0.75% ropivacaine in ultrasound-guided interscalene brachial plexus block. <i>Anesthesia & Analgesia</i> . 2011;113(4):951-5. | Not intervention of interest |
| Gebauer, A., Schultz, C. R., Giangarra, C. E. Chronic exercise-induced leg pain in an athlete successfully treated with sympathetic block. <i>American Journal of Sports Medicine</i> . 2005;33(10):1575-8. | Publication type |
| Gebhardt, M. C., Rosenthal, D. I., Arnell, P. M. Case records of the Massachusetts General Hospital. Case 8-2005. A 10-year-old boy with pain in the right thigh. <i>New England Journal of Medicine</i> . 2005;352(11):1122-9. | Publication type |
| Gentili, M. E., Bonnet, F., Bernard, J. M., Maxoit, J. X. Phantom position under upper limb block and assessment of success. <i>Regional Anesthesia & Pain Medicine</i> . 2002;27(1):113. | Not intervention of interest |
| Gentili, M., Bernard, J. M., Bonnet, F. Adding clonidine to lidocaine for intravenous regional anesthesia prevents tourniquet pain. <i>Anesthesia & Analgesia</i> . 1999;88(6):1327-30. | Not intervention of interest |
| George, A., Buehl, A., Sommer, C. Wallerian degeneration after crush injury of rat sciatic nerve increases endo- and epineurial tumor necrosis factor-alpha protein. <i>Neuroscience Letters</i> . 2004;372(3):215-9. | Not appropriate population |
| Gerdesmeyer, L., Rechl, H., Wagenpfeil, S., Ulmer, M., Lampe, R., Wagner, K. [Minimally invasive percutaneous epidural neurolysis in chronic radiculopathy. A prospective controlled pilot study to prove effectiveness]. <i>Orthopade</i> . 2003;32(10):869-76. | Not intervention of interest |
| Ghabach, M. B., Elmawieh, J. M., Matta, M. S., Helou, M. R. Combined Block of the Femoral and Lateral Femoral Cutaneous Nerves under Ultrasound for Post- Operative Analgesia in Patients Undergoing Hip Surgery: A Double Blind Randomized Trial. <i>Middle East Journal of Anesthesiology</i> . 2016;23(4):421-6. | Not intervention of interest |
| Ghia, D., Gadkari, R., Nayak, C. Complex regional pain syndrome secondary to leprosy. <i>Pain Medicine</i> . 2012;13(8):1067-71. | Not intervention of interest |
| Ghia, J. N., Duncan, G., Toomey, T. C., Mao, W., Gregg, J. M. The pharmacologic approach in differential diagnosis of chronic pain. <i>Spine</i> . 1979;4(5):447-51. | Not intervention of interest |
| Ghosh, P. S., Mitra, S., Moodley, M. Pearls & oy-sters: osteoid osteoma of the scapula masquerading as neuralgic amyotrophy. <i>Neurology</i> . 2012;79(2):e7-9. | Not intervention of interest |
| Gi, E., Yamauchi, M., Yamakage, M., Kikuchi, C., Shimizu, H., Okada, Y., Kawamura, S., Suzuki, T. Effects of local infiltration analgesia for posterior | Not intervention of interest |

| Reference | Exclusion Reason |
|---|------------------------------|
| knee pain after total knee arthroplasty: comparison with sciatic nerve block. <i>Journal of anesthesia</i> . 2014;28(5):696-701. | |
| Gibbons, J. J., Wilson, P. R., Lamer, T. J., Elliott, B. A. Interscalene blocks for chronic upper extremity pain. <i>Clinical Journal of Pain</i> . 1992;8(3):264-9. | Not intervention of interest |
| Giguere, Anik, Legare, France, Grimshaw, Jeremy, Turcotte, Stephane, Fiander, Michelle, Grudniewicz, Agnes, Makosso Kallyth, Sun, Wolf, Fredric M., Farmer, Anna P., Gagnon, Marie-Pierre. Printed educational materials: effects on professional practice and healthcare outcomes. <i>Cochrane Database of Systematic Reviews</i> . 2013; (4): . | Not intervention of interest |
| Ginosar, Y., Weiniger, C. F., Kurz, V., Babchenko, A., Nitzan, M., Davidson, E. Sympathectomy-mediated vasodilatation: a randomized concentration ranging study of epidural bupivacaine. [Erratum appears in Can J Anaesth. 2010 Jun;57(6):626]. <i>Canadian Journal of Anaesthesia</i> . 2009;56(3):213-21. | Not intervention of interest |
| Giombini, A., Di Cesare, A., Di Cesare, M., Ripani, M., Maffulli, N. Localized hyperthermia induced by microwave diathermy in osteoarthritis of the knee: a randomized placebo-controlled double-blind clinical trial. <i>Knee Surgery, Sports Traumatology, Arthroscopy</i> . 2011;19(6):980-7. | Not intervention of interest |
| Girtler, R., Kloimstein, H., Gustorff, B. [Pronounced symptom deterioration in complex regional pain syndrome type II after isolated application of a highly concentrated capsaicin patch. A case report]. <i>Der Schmerz</i> . 2013;27(1):67-71. | Not intervention of interest |
| Gleeson, A. P., Graham, C. A., Jones, I., Beggs, I., Nutton, R. W. Comparison of intra-articular lignocaine and a suprascapular nerve block for acute anterior shoulder dislocation. <i>Injury</i> . 1997;28(2):141-2. | Not intervention of interest |
| Glynn, C. J., Basedow, R. W., Walsh, J. A. Pain relief following post-ganglionic sympathetic blockade with I.V. guanethidine. <i>British Journal of Anaesthesia</i> . 1981;53(12):1297-302. | Not intervention of interest |
| Gocer, A. I., Cetinalp, E., Tuna, M., Ildan, F., Bagdatoglu, H., Hacıyakupoglu, S. Percutaneous radiofrequency rhizotomy of lumbar spinal facets: the results of 46 cases. <i>Neurosurgical Review</i> . 1997;20(2):114-6. | Not intervention of interest |
| Gofeld, M. Letter to the editor. <i>Pain</i> . 2014;155(4):836-7. | Publication type |
| Gofeld, M., Faclier, G. Bilateral pain relief after unilateral thoracic percutaneous sympathectomy. <i>Canadian Journal of Anaesthesia</i> . 2006;53(3):258-62. | Publication type |
| Gohl, M. R., Moeller, R. K., Olson, R. L., Vacchiano, C. A. The addition of interscalene block to general anesthesia for patients undergoing open shoulder procedures. <i>AANA Journal</i> . 2001;69(2):105-9. | Not intervention of interest |

| Reference | Exclusion Reason |
|--|------------------------------|
| Gohritz, A., Dellon, A. L., Kalbermatten, D., Fulco, I., Tremp, M., Schaefer, D. J. Joint denervation and neuroma surgery as joint-preserving therapy for ankle pain. <i>Foot & Ankle Clinics</i> . 2013;18(3):571-89. | Publication type |
| Goldner, J. L. Suprascapular nerve block for the painful shoulder. <i>Southern Medical Journal</i> . 1952;45(12):1125-30. | Not intervention of interest |
| Goldstein, M., Ectors, P., Dereume, J. P., van der Stricht, J. [Complications of lumbar sympathectomy. Retrospective study of 791 patients]. <i>Acta Chirurgica Belgica</i> . 1977;76(1):73-9. | Not in English |
| Goldstein, R. Y., Montero, N., Jain, S. K., Egol, K. A., Tejwani, N. C. Efficacy of popliteal block in postoperative pain control after ankle fracture fixation: a prospective randomized study.[Erratum appears in J Orthop Trauma. 2013 Mar;27(3):181]. <i>Journal of Orthopaedic Trauma</i> . 2012;26(10):557-61. | Not intervention of interest |
| Golubev, V. G., Krupatkin, A. I., Zeinalov, V. T., Merkulov, M. V., Kuz'michev, V. A. [New facilities in management of complex regional pain upper limb syndrome with thoracoscopic sympathectomy]. <i>Vestnik Rossiiskoi Akademii Meditsinskikh Nauk</i> . 2008; (8):52-5. | Not in English |
| Gonzalez-Martin, J. J., San Jose, B. G., Sanchez-Pernaute, O. Chronic monarthritis of the ankle in a young man. <i>Arthritis care & research</i> . 2011;63(3):445-9. | Not intervention of interest |
| Gonzalez-Suarez, S., Pacheco, M., Roige, J., Puig, M. M. Comparative study of ropivacaine 0.5% and levobupivacaine 0.33% in axillary brachial plexus block. <i>Regional Anesthesia & Pain Medicine</i> . 2009;34(5):414-9. | Not intervention of interest |
| Goranson, B. D., Lang, S., Cassidy, J. D., Dust, W. N., McKerrell, J. A comparison of three regional anaesthesia techniques for outpatient knee arthroscopy. <i>Canadian Journal of Anaesthesia</i> . 1997;44(4):371-6. | Not intervention of interest |
| Gorthi, V., Moon, Y. L., Kang, J. H. The effectiveness of ultrasonography-guided suprascapular nerve block for perishoulder pain. <i>Orthopedics</i> . 2010;33(4): . | Not intervention of interest |
| Gorthi, V., Moon, Y. L., Kang, J. H. The effectiveness of ultrasonography-guided suprascapular nerve block for perishoulder pain. <i>Orthopedics</i> . 2010;33(4): . | Not intervention of interest |
| Goss, K. Lower extremity regional anesthesia with the low sciatic nerve block. <i>Clinics in Podiatric Medicine & Surgery</i> . 2008;25(3):431-41; vii. | Not intervention of interest |
| Gosteli, P., Gamulin, Z., Van Gessel, E., Forster, A. [Peridural anesthesia for surgery of the ankle and foot: effect of the sitting position]. <i>Canadian Journal of Anaesthesia</i> . 1992;39(4):337-41. | Not intervention of interest |
| Gottschalk, A., Rempf, C., Freitag, M., Lohmann, C., Standl, T. [Continuous interscalenic nerve block in a 3 year old child after amputation of upper | Not intervention of interest |

| Reference | Exclusion Reason |
|--|---|
| extremity]. <i>Anesthesiologie, Intensivmedizin, Notfallmedizin, Schmerztherapie</i> . 2006;41(1):47-50. | |
| Govindarajan, R., Bakalova, T., Doss, N. W., Splain, S. H., Michael, R., Abadir, A. R. Posterior tibial nerve block in the therapeutic management of painful calcaneal spur (plantar fasciitis): a preliminary experience. <i>Canadian Journal of Anaesthesia</i> . 2003;50(8):862-3. | Not intervention of interest |
| Granirer, L. W. A simple technic for suprascapular nerve block. <i>New York State Journal of Medicine</i> . 1951;51(8):1048. | Not intervention of interest |
| Grechenig, W., Mahring, M., Clement, H. G. Denervation of the radiocarpal joint. A follow-up study in 22 patients. <i>Journal of Bone & Joint Surgery - British Volume</i> . 1998;80(3):504-7. | Observational study of harms, excluded because no evidence for the intervention |
| Greengrass, R. A., Feinglass, N. G., Murray, P. M., Trigg, S. D. Continuous regional anesthesia before surgical peripheral sympathectomy in a patient with severe digital necrosis associated with Raynaud's phenomenon and scleroderma. <i>Regional Anesthesia & Pain Medicine</i> . 2003;28(4):354-8. | Publication type |
| Greengrass, R. A., Klein, S. M., D'Ercole, F. J., Gleason, D. G., Shimer, C. L., Steele, S. M. Lumbar plexus and sciatic nerve block for knee arthroplasty: comparison of ropivacaine and bupivacaine. <i>Canadian Journal of Anaesthesia</i> . 1998;45(11):1094-6. | Not intervention of interest |
| Grevstad, U., Jaeger, P., Sorensen, J. K., Gottschau, B., Ilfeld, B., Ballegaard, M., Hagelskjaer, M., Dahl, J. B. The Effect of Local Anesthetic Volume Within the Adductor Canal on Quadriceps Femoris Function Evaluated by Electromyography: A Randomized, Observer- and Subject-Blinded, Placebo-Controlled Study in Volunteers. <i>Anesthesia & Analgesia</i> . 2016;123(2):493-500. | Not intervention of interest |
| Grevstad, U., Mathiesen, O., Lind, T., Dahl, J. B. Effect of adductor canal block on pain in patients with severe pain after total knee arthroplasty: a randomized study with individual patient analysis. <i>British Journal of Anaesthesia</i> . 2014;112(5):912-9. | Not intervention of interest |
| Griffith, J. P., Whiteley, S., Gough, M. J. Prospective randomized study of a new method of providing postoperative pain relief following femoropopliteal bypass. <i>British Journal of Surgery</i> . 1996;83(12):1735-8. | Not intervention of interest |
| Grosser, D. M., Herr, M. J., Claridge, R. J., Barker, L. G. Preoperative lateral popliteal nerve block for intraoperative and postoperative pain control in elective foot and ankle surgery: a prospective analysis. <i>Foot & Ankle International</i> . 2007;28(12):1271-5. | Not intervention of interest |
| Grutter, P. W., Desilva, G. L., Meehan, R. E., Desilva, S. P. The accuracy of distal posterior interosseous and anterior interosseous nerve injection. <i>Journal of Hand Surgery - American Volume</i> . 2004;29(5):865-70. | Not appropriate population |

| Reference | Exclusion Reason |
|--|------------------------------|
| Guedj, M. P. Sudden deflation of a tourniquet caused by lowering of the operating table. <i>Annales Francaises d Anesthesie et de Reanimation</i> . 2007;26(2):174. | Not intervention of interest |
| Guijarro Jorge, R., Arnau Obrer, A., Fernandez Centeno, A., Regueiro Mira, F., Perez Alonso, A., Canizares Carretero, M., Granell Gil, M., Canto Armengod, A. [Our experience in the treatment of hyperhidrosis of the upper limbs by video-assisted thoracoscopy: an analysis of our first 100 procedures]. <i>Archivos de Bronconeumologia</i> . 2002;38(9):421-6. | Not intervention of interest |
| Gulec, E., Ozbek, H., Pektas, S., Isik, G. Bipolar Versus Unipolar Intraarticular Pulsed Radiofrequency Thermocoagulation in Chronic Knee Pain Treatment: A Prospective Randomized Trial. <i>Pain Physician</i> . 2017;20(3):197-206. | Not intervention of interest |
| Gunduz, A., Bilir, A., Gulec, S. Magnesium added to prilocaine prolongs the duration of axillary plexus block. <i>Regional Anesthesia & Pain Medicine</i> . 2006;31(3):233-6. | Not intervention of interest |
| Gunduz, E., Akbas, M., Yegin, M. A. [Pasha-Cath in the treatment of neuropathic pain: case report]. <i>Agri Dergisi</i> . 2011;23(2):88-91. | Not intervention of interest |
| Guo, C. W., Ma, J. X., Ma, X. L., Lu, B., Wang, Y., Tian, A. X., Sun, L., Wang, Y., Dong, B. C., Teng, Y. B. Supraclavicular block versus interscalene brachial plexus block for shoulder surgery: A meta-analysis of clinical control trials. <i>International Journal Of Surgery</i> . 2017;45 :85-91. | Not intervention of interest |
| Guo, Z., Zhao, D. W. Arthrowand technique under arthroscope in diagnosis and treatment of knee disease. <i>Zhonghua wai ke za zhi [chinese journal of surgery]</i> . 2003;41(4):296-298. | Not intervention of interest |
| Gupta, A., Huettner, D. P., Dukewich, M. Comparative Effectiveness Review of Cooled Versus Pulsed Radiofrequency Ablation for the Treatment of Knee Osteoarthritis: A Systematic Review. <i>Pain Physician</i> . 2017;20(3):155-171. | Not appropriate study design |
| Gupta, G., Radhakrishna, M., Etheridge, P., Besemann, M., Finlayson, R. J. Radiofrequency denervation of the hip joint for pain management: case report and literature review. <i>US Army Medical Department Journal</i> . 2014; :41-51. | Not appropriate study design |
| Gurbet, A., Turker, G., Bozkurt, M., Keskin, E., Uckunkaya, N., Sahin, S. [Efficacy of pulsed mode radiofrequency lesioning of the suprascapular nerve in chronic shoulder pain secondary to rotator cuff rupture]. <i>Agri Dergisi</i> . 2005;17(3):48-52. | Not in English |
| Gurkan, Y., Aksu, C., Kus, A., Toker, K., Solak, M. One operator's experience of ultrasound guided lumbar plexus block for paediatric hip surgery. <i>Journal of Clinical Monitoring & Computing</i> . 2017;31(2):331-336. | Not intervention of interest |

| Reference | Exclusion Reason |
|---|------------------------------|
| Gurkan, Y., Hosten, T., Tekin, M., Acar, S., Solak, M., Toker, K. [Comparison of ultrasound-guided supraclavicular and infraclavicular approaches for brachial plexus blockade]. <i>Agri Dergisi</i> . 2012;24(4):159-64. | Not intervention of interest |
| Gurkan, Y., Tekin, M., Acar, S., Solak, M., Toker, K. Is nerve stimulation needed during an ultrasound-guided lateral sagittal infraclavicular block?. <i>Acta Anaesthesiologica Scandinavica</i> . 2010;54(4):403-7. | Not intervention of interest |
| Gurnaney, H., Muhly, W. T., Kraemer, F. W., Cucchiaro, G., Ganesh, A. Safety of pediatric continuous interscalene block catheters placed under general anesthesia: a single center's experience. <i>Acta Anaesthesiologica Scandinavica</i> . 2015;59(3):377-83. | Not intervention of interest |
| Gwam, C. U., Mistry, J. B., Khlopa, A., Chughtai, M., Thomas, M., Mont, M. A., Delanois, R. E. Does Addition of Multimodal Periarticular Analgesia to Adductor Canal Block Improve Lengths of Stay, Pain, Discharge Status, and Opioid Use After Total Knee Arthroplasty?. <i>Journal of Arthroplasty</i> . 2017;32(5):1470-1473. | Not intervention of interest |
| Haasio, J., Tuominen, M., Rosenberg, P. H. Continuous interscalene brachial plexus block during and after shoulder surgery. <i>Annales Chirurgiae et Gynaecologiae</i> . 1990;79(2):103-7. | Not intervention of interest |
| Hadzic, A., Arliss, J., Kerimoglu, B., Karaca, P. E., Yufa, M., Claudio, R. E., Vloka, J. D., Rosenquist, R., Santos, A. C., Thys, D. M. A comparison of infraclavicular nerve block versus general anesthesia for hand and wrist day-case surgeries. <i>Anesthesiology</i> . 2004;101(1):127-32. | Not intervention of interest |
| Hadzic, A., Gadsden, J., Shariat, A. N. Local and nerve block techniques for analgesia after shoulder surgery. <i>Anaesthesia</i> . 2010;65(6):547-8. | Not intervention of interest |
| Hadzic, A., Karaca, P. E., Hobeika, P., Unis, G., Dermksian, J., Yufa, M., Claudio, R., Vloka, J. D., Santos, A. C., Thys, D. M. Peripheral nerve blocks result in superior recovery profile compared with general anesthesia in outpatient knee arthroscopy. <i>Anesthesia & Analgesia</i> . 2005;100(4):976-81. | Not intervention of interest |
| Hadzic, A., Vloka, J. D. A comparison of the posterior versus lateral approaches to the block of the sciatic nerve in the popliteal fossa. <i>Anesthesiology</i> . 1998;88(6):1480-1486. | Not intervention of interest |
| Hafstrom, I., Engvall, I. L., Ronnelid, J., Boonen, A., Van Der Heijde, D., Svensson, B. Rheumatoid factor and anti-CCP do not predict progressive joint damage in patients with early rheumatoid arthritis treated with prednisolone: a randomised study. <i>BMJ open</i> . 2014;4(7): . | Not intervention of interest |
| Hafstrom, I., Engvall, I. L., Ronnelid, J., Boonen, A., van der Heijde, D., Svensson, B., Barfot study group. Rheumatoid factor and anti-CCP do not predict progressive joint damage in patients with early rheumatoid arthritis treated with prednisolone: a randomised study. <i>BMJ Open</i> . 2014;4(7):e005246. | Not intervention of interest |

| Reference | Exclusion Reason |
|---|------------------------------|
| Haltiavaara, K. M., Laitinen, J. O., Kaukinen, S., Viljakka, T. J., Laippala, P. J., Luukkaala, T. H. Failure of interscalene brachial plexus blockade to produce pre-emptive analgesia after shoulder surgery. <i>European Journal of Anaesthesiology</i> . 2003;20(1):72-3. | Not intervention of interest |
| Hamamoto, S., Matsuoka, T., Okuma, T., Yamamoto, A., Hamuro, M., Miki, Y. Effective palliative radiofrequency ablation for tumors causing pain, numbness and motor function disorders: case series. <i>BMC Research Notes</i> . 2014;7 :765. | Publication type |
| Hamby, W. B. Schiffer S:Spasmodic torticollis; results after cervical rhizotomy in 80 cases. <i>Clinical Neurosurgery</i> . 1970;17 :28-37. | Not intervention of interest |
| Hamdani, M., Chassot, O., Fournier, R. Ultrasound-guided continuous interscalene block: the influence of local anesthetic background delivery method on postoperative analgesia after shoulder surgery: a randomized trial. <i>Regional Anesthesia & Pain Medicine</i> . 2014;39(5):387-93. | Not intervention of interest |
| Han, Z., Wu, C., Liu, Y., Ban, L., Liu, M., Tian, J. Comments on "Adductor canal block provides better performance after total knee arthroplasty compared with femoral nerve block: a systematic review and meta-analysis". <i>International Orthopaedics</i> . 2016;40(5):1059-60. | Not intervention of interest |
| Hanefeld, C., Miebach, T., Bulut, D., Theodoridis, T., Rubenthaler, F., Kramer, J., Mugge, A. [Effects of lumbar spinal nerve analgesia on the cardiovascular system]. <i>Zeitschrift fur Orthopadie und Ihre Grenzgebiete</i> . 2005;143(1):86-90. | Not intervention of interest |
| Hannington-Kiff, J. G. Relief of Sudeck's atrophy by regional intravenous guanethidine. <i>Lancet</i> . 1977;1(8022):1132-3. | Not intervention of interest |
| Hannington-Kiff, J. G. Pharmacological target blocks in hand surgery and rehabilitation. <i>Journal of Hand Surgery - British Volume</i> . 1984;9(1):29-36. | Not intervention of interest |
| Hannington-Kiff, J. G. A "cryoseeker" for percutaneous cryoanalgesia. <i>Lancet</i> . 1978;2(8094):816-7. | Not intervention of interest |
| Hanson, N. A., Derby, R. E., Auyong, D. B., Salinas, F. V., Delucca, C., Nagy, R., Yu, Z., Slee, A. E. Ultrasound-guided adductor canal block for arthroscopic medial meniscectomy: a randomized, double-blind trial. <i>Canadian Journal of Anaesthesia</i> . 2013;60(9):874-80. | Not intervention of interest |
| Happak, W., Sator-Katzenschlager, S., Kriechbaumer, L. K. Surgical treatment of complex regional pain syndrome type II with regional subcutaneous venous sympathectomy. <i>The Journal of Trauma and Acute Care Surgery</i> . 2012;72(6):1647-53. | Not intervention of interest |
| Har-Shai, Y., Sommer, A., Gil, T., Krausz, J., Gal-Or, N., Mettanes, I., Lavi, I., Eyal, N., Brizgalin, L., Taran, A., Har-Shai, L., Elmalach, I. Intralesional cryosurgery for the treatment of basal cell carcinoma of the lower | Not intervention of interest |

| Reference | Exclusion Reason |
|---|----------------------------------|
| extremities in elderly subjects: a feasibility study. <i>International Journal of Dermatology</i> . 2016;55(3):342-50. | |
| Hara, K., Sakura, S., Shido, A. Ultrasound-guided lateral femoral cutaneous nerve block: comparison of two techniques. <i>Anaesthesia & Intensive Care</i> . 2011;39(1):69-72. | Not intervention of interest |
| Hara, K., Sakura, S., Yokokawa, N., Tadenuma, S. Incidence and effects of unintentional intraneural injection during ultrasound-guided subgluteal sciatic nerve block. <i>Regional Anesthesia & Pain Medicine</i> . 2012;37(3):289-93. | Not intervention of interest |
| Harbell, M. W., Cohen, J. M., Kolodzie, K., Behrends, M., Braehler, M. R., Kinjo, S., Feeley, B. T., Aleshi, P. Combined preoperative femoral and sciatic nerve blockade improves analgesia after anterior cruciate ligament reconstruction: a randomized controlled clinical trial. <i>Journal of clinical anaesthesia</i> . 2016;33 :68-74. | Not intervention of interest |
| Harmon, D., Hearty, C. Ultrasound-guided suprascapular nerve block technique. <i>Pain Physician</i> . 2007;10(6):743-6. | Not intervention of interest |
| Harmon, P. H. Treatment of degenerative osteoarthritis of the hip with denervation produced by total capsular excision; a preliminary report of nine cases. <i>Permanente Foundation Medical Bulletin</i> . 1951;9(1):24-8. | Full text could not be retrieved |
| Harness, N. G. Digital block anesthesia. <i>Journal of Hand Surgery - American Volume</i> . 2009;34(1):142-5. | Not intervention of interest |
| Harrison, T. K., Kim, T. E., Howard, S. K., Funck, N., Wagner, M. J., Walters, T. L., Curtin, C., Chang, J., Ganaway, T., Mariano, E. R. Comparative effectiveness of infraclavicular and supraclavicular perineural catheters for ultrasound-guided through-the-catheter bolus anesthesia. <i>Journal of Ultrasound in Medicine</i> . 2015;34(2):333-40. | Not intervention of interest |
| Harrod, C. C., Boykin, R. E., Jupiter, J. B. Pain and swelling after radiofrequency treatment of proximal phalanx osteoid osteoma: case report. <i>Journal of Hand Surgery - American Volume</i> . 2010;35(6):990-4. | Publication type |
| Hart, W. R., Thompson, N. W., Hildreth, D. H., Abell, M. R. Hyperplastic pacinian corpuscles: a cause of digital pain. <i>Surgery</i> . 1971;70(5):730-5. | Not appropriate population |
| Harvey, C. K. Dilute lidocaine ankle blocks in the diagnosis of sympathetically maintained pain. <i>Journal of the American Podiatric Medical Association</i> . 1997;87(10):473-7. | Not intervention of interest |
| Hashimoto, A., Ito, H., Sato, Y., Fujiwara, Y. [Automated intermittent bolus infusion for continuous sciatic nerve block: a case report]. <i>Masui - Japanese Journal of Anesthesiology</i> . 2011;60(7):873-5. | Not intervention of interest |
| Hassan, E. A., Lambrechts, N. E., Weng, H. Y., Snyder, P. W., Breur, G. J. Effects of denervation of the hip joint on results of clinical observations | Not appropriate population |

| Reference | Exclusion Reason |
|--|------------------------------|
| and instrumented gait analysis in dogs with sodium urate crystal-induced synovitis. <i>American Journal of Veterinary Research</i> . 2016;77(11):1200-1210. | |
| Hatangdi, V. S., Boas, R. A. Management of intractable pain: the scope and role of nerve blocks: review of one year's experience. <i>New Zealand Medical Journal</i> . 1975;81(532):45-8. | Not intervention of interest |
| Hathaway, B. N., Hill, G. E., Ohmura, A. Centrally induced sympathetic dystrophy of the upper extremity. <i>Anesthesia & Analgesia</i> . 1978;57(3):373-4. | Not intervention of interest |
| Hauelsen, D. C., Smith, B. S., Myers, S. R., Pryce, M. L. The diagnostic accuracy of spinal nerve injection studies. Their role in the evaluation of recurrent sciatica. <i>Clinical Orthopaedics & Related Research</i> . 1985; (198):179-83. | Not intervention of interest |
| Head, S. J., Leung, R. C., Hackman, G. P., Seib, R., Rondi, K., Schwarz, S. K. Ultrasound-guided saphenous nerve block--within versus distal to the adductor canal: a proof-of-principle randomized trial. <i>Canadian Journal of Anaesthesia</i> . 2015;62(1):37-44. | Not intervention of interest |
| Head, S. J., Seib, R., Osborn, J. A., Schwarz, S. K. A "swing room" model based on regional anesthesia reduces turnover time and increases case throughput. <i>Canadian Journal of Anaesthesia</i> . 2011;58(8):725-32. | Not intervention of interest |
| Healey, K., Chen, K. Plantar fasciitis: current diagnostic modalities and treatments. <i>Clinics in Podiatric Medicine & Surgery</i> . 2010;27(3):369-80. | Publication type |
| Heard, C. M., LaJohn, S., Fletcher, J. E. An accidental ringblock of the great toe?. <i>Paediatric Anaesthesia</i> . 2001;11(1):123. | Not intervention of interest |
| Heavner, J. E., Calvillo, O., Racz, G. B. Thermal grill illusion and complex regional pain syndrome type I (reflex sympathetic dystrophy). <i>Regional Anesthesia</i> . 1997;22(3):257-9. | Not appropriate study design |
| Hecht, J. S. Subscapular nerve block in the painful hemiplegic shoulder. <i>Archives of Physical Medicine & Rehabilitation</i> . 1992;73(11):1036-9. | Not intervention of interest |
| Hegewald, K., McCann, K., Elizaga, A., Hutchinson, B. L. Popliteal blocks for foot and ankle surgery: success rate and contributing factors. <i>Journal of Foot & Ankle Surgery</i> . 2014;53(2):176-8. | Not intervention of interest |
| Heid, F. M., Jage, J., Guth, M., Bauwe, N., Brambrink, A. M. Efficacy of vertical infraclavicular plexus block vs. modified axillary plexus block: a prospective, randomized, observer-blinded study. <i>Acta Anaesthesiologica Scandinavica</i> . 2005;49(5):677-82. | Not intervention of interest |
| Heil, J. W., Ilfeld, B. M., Loland, V. J., Mariano, E. R. Preliminary experience with a novel ultrasound-guided supraclavicular perineural catheter insertion technique for perioperative analgesia of the upper extremity. <i>Journal of Ultrasound in Medicine</i> . 2010;29(10):1481-5. | Not intervention of interest |

| Reference | Exclusion Reason |
|--|------------------------------|
| Hekmat, N., Burke, M., Howell, S. J. Preventive pain management in the postoperative hand surgery patient. <i>Orthopaedic Nursing</i> . 1994;13(3):37-42. | Not intervention of interest |
| Henningsen, M. H., Jaeger, P., Hilsted, K. L., Dahl, J. B. Prevalence of saphenous nerve injury after adductor-canal-blockade in patients receiving total knee arthroplasty. <i>Acta Anaesthesiologica Scandinavica</i> . 2013;57(1):112-7. | Not intervention of interest |
| Hermanns, H., Braun, S., Werdehausen, R., Werner, A., Lipfert, P., Stevens, M. F. Skin temperature after interscalene brachial plexus blockade. <i>Regional Anesthesia & Pain Medicine</i> . 2007;32(6):481-7. | Not intervention of interest |
| Hernandez-Gonzalez, L., Calvo, C. E., Atkins-Gonzalez, D. Peripheral Nerve Radiofrequency Neurotomy: Hip and Knee Joints. <i>Physical Medicine & Rehabilitation Clinics of North America</i> . 2018;29(1):61-71. | Publication type |
| Heron, M., Dattani, R., Smith, R. Interscalene vs suprascapular nerve block for shoulder surgery. <i>British Journal of Hospital Medicine</i> . 2016;77(8):494. | Not intervention of interest |
| Herr, M. J., Keyarash, A. B., Muir, J. J., Kile, T. A., Claridge, R. J. Lateral trans-biceps popliteal block for elective foot and ankle surgery performed after induction of general anesthesia. <i>Foot & Ankle International</i> . 2006;27(9):667-71. | Not intervention of interest |
| Herring, A. A., Stone, M. B., Frenkel, O., Chipman, A., Nagdev, A. D. The ultrasound-guided superficial cervical plexus block for anesthesia and analgesia in emergency care settings. <i>American Journal of Emergency Medicine</i> . 2012;30(7):1263-7. | Not intervention of interest |
| Herron, L. D. Selective nerve root block in patient selection for lumbar surgery: surgical results. <i>Journal of Spinal Disorders</i> . 1989;2(2):75-9. | Not intervention of interest |
| Herron, L. D. Myelographic defect in a patient with sciatica. <i>Spine</i> . 1979;4(5):462. | Not intervention of interest |
| Heschl, S., Hallmann, B., Zilke, T., Gemes, G., Schoerghuber, M., Auer-Grumbach, M., Quehenberger, F., Lirk, P., Hogan, Q., Rigaud, M. Diabetic neuropathy increases stimulation threshold during popliteal sciatic nerve block. <i>British Journal of Anaesthesia</i> . 2016;116(4):538-45. | Not intervention of interest |
| Hetta, D. F., Rezk, K. M. Pectoralis-serratus interfascial plane block vs thoracic paravertebral block for unilateral radical mastectomy with axillary evacuation. <i>Journal of Clinical Anesthesia</i> . 2016;34 :91-7. | Not intervention of interest |
| Hey, M., Wilson, I., Johnson, M. I. Stellate ganglion blockade (SGB) for refractory index finger pain - a case report. <i>Annals of Physical & Rehabilitation Medicine</i> . 2011;54(3):181-8. | Publication type |
| Heywang-Kobrunner, S. H., Amaya, B., Okoniewski, M., Pickuth, D., Spielmann, R. P. CT-guided obturator nerve block for diagnosis and | Not intervention of interest |

| Reference | Exclusion Reason |
|---|----------------------------------|
| treatment of painful conditions of the hip. <i>European Radiology</i> . 2001;11(6):1047-53. | |
| Hiertonn, T. Denervation as treatment for arthrosis deformans coxae. <i>Acta Orthopaedica Scandinavica</i> . 1950;20(1):67-77. | Full text could not be retrieved |
| Hildebrandt, J. [Shoulder-arm pain and its treatment in breast cancer diseases]. <i>Zeitschrift fur Lymphologie - Journal of Lymphology</i> . 1982;6(2):84-8. | Not in English |
| Hill, R. G., Jr., Patterson, J. W., Parker, J. C., Bauer, J., Wright, E., Heller, M. B. Comparison of transthecal digital block and traditional digital block for anesthesia of the finger. <i>Annals of Emergency Medicine</i> . 1995;25(5):604-7. | Not intervention of interest |
| Hinarejos, P., Capurro, B., Santiveri, X., Ortiz, P., Leal, J., Pelfort, X., Torres-Claramunt, R., Sanchez-Soler, J., Monllau, J. C. Local infiltration analgesia adds no clinical benefit in pain control to peripheral nerve blocks after total knee arthroplasty. <i>Knee Surgery, Sports Traumatology, Arthroscopy</i> . 2016;24(10):3299-3305. | Not intervention of interest |
| Hinnigan, G., Milner, P., Talbot, A., Singer, E. Is anaesthesia of the deep branch of the lateral plantar nerve specific for the diagnosis of proximal metatarsal pain in the horse?. <i>Veterinary & Comparative Orthopaedics & Traumatology</i> . 2014;27(5):351-7. | Not appropriate population |
| Hodgson, R. M. Letter: Reflex sympathetic dystrophy syndrome. <i>Lancet</i> . 1976;1(7974):1419. | Publication type |
| Hoffman, J., Phillips, W., Blum, M., Barohn, R., Ramamurthy, S. Effect of sympathetic block demonstrated by triple-phase bone scan. <i>Journal of Hand Surgery - American Volume</i> . 1993;18(5):860-4. | Not intervention of interest |
| Hofmann-Kiefer, K., Eiser, T., Chappell, D., Leuschner, S., Conzen, P., Schwender, D. Does patient-controlled continuous interscalene block improve early functional rehabilitation after open shoulder surgery?. <i>Anesthesia & Analgesia</i> . 2008;106(3):991-6, table of contents. | Not intervention of interest |
| Hofmann-Kiefer, K., Jacob, M., Rehm, M., Lang, P. [Options and limits of interscalene nerve blocks]. <i>Anesthesiologie, Intensivmedizin, Notfallmedizin, Schmerztherapie</i> . 2009;44(7-8):522-9. | Not intervention of interest |
| Hohendorff, B., Muhldorfer-Fodor, M., Kalb, K., von Schoonhoven, J., Prommersberger, K. J. [Long-term results following denervation of the wrist]. <i>Unfallchirurg</i> . 2012;115(4):343-52. | Not in English |
| Holopainen, Y. V. High Lumbar Sympathectomy in Arterial Obstructive Diseases of the Lower Limbs. Late Results of 503 Operations. <i>Acta Chirurgica Scandinavica - Supplementum</i> . 1963;37 :SUPPL311:1-65. | Not appropriate population |
| Holthusen, H., Arndt, J. O. The role of pain from veins for the formation of perivenous edema in humans. <i>Pain</i> . 1996;68(2-3):395-400. | Not intervention of interest |

| Reference | Exclusion Reason |
|---|-----------------------------------|
| Holton, M. E. Comparison of newborn circumcision pain to calcaneal heel puncture pain: is newborn circumcision pain control clinically warranted?. <i>Journal of the American Osteopathic Association</i> . 1996;96(1):31-3. | Not intervention of interest |
| Hong, Y., O'Grady, T., Lopresti, D., Carlsson, C. Diagnostic obturator nerve block for inguinal and back pain: a recovered opinion. <i>Pain</i> . 1996;67(2-3):507-9. | Not intervention of interest |
| Honjyo, K., Hamasaki, Y., Kita, M., Harano, K., Totoki, T., Miyazaki, S. An 11-year-old girl with reflex sympathetic dystrophy successfully treated by thoracoscopic sympathectomy. <i>Acta Paediatrica</i> . 1997;86(8):903-5. | Not appropriate study design |
| Hood, G., Edbrooke, D. L., Gerrish, S. P. Postoperative analgesia after triple nerve block for fractured neck of femur. <i>Anaesthesia</i> . 1991;46(2):138-40. | Not intervention of interest |
| Horlocker, T. T., Hebl, J. R. Anesthesia for outpatient knee arthroscopy: is there an optimal technique?. <i>Regional Anesthesia & Pain Medicine</i> . 2003;28(1):58-63. | Not intervention of interest |
| Hormozi, J., Lee, S., Hong, D. K. Minimal invasive percutaneous bipolar radiofrequency for plantar fasciotomy: a retrospective study. <i>Journal of Foot & Ankle Surgery</i> . 2011;50(3):283-6. | Outcome data cannot be abstracted |
| Horn, J. L., Pitsch, T., Salinas, F., Benninger, B. Anatomic basis to the ultrasound-guided approach for saphenous nerve blockade. <i>Regional Anesthesia & Pain Medicine</i> . 2009;34(5):486-9. | Not intervention of interest |
| Horowitz, S. M., Rubin, D. A., Dalinka, M. K., Gannon, F. H. Knee pain in a 30-year-old man. <i>Clinical Orthopaedics & Related Research</i> . 1996; (322):293-6, 310-1. | Not appropriate study design |
| Horrax, G., Price, W. T., Jr. High cervical chordotomy for relief of intractable pain in the arm, shoulder and upper chest. <i>Annals of Surgery</i> . 1954;139(5):567-85. | Not intervention of interest |
| Hosking, S. P., Franco, M. E., Poon, P., William, L. Bilateral cordotomy post-failure of intrathecal analgesia in a palliative care setting. <i>Internal Medicine Journal</i> . 2015;45(5):586-7. | Not intervention of interest |
| Hosten, T., Gurkan, Y., Kus, A., Solak, M., Toker, K. [Lateral sagittal infraclavicular block: a case report of three patients]. <i>Agri Dergisi</i> . 2006;18(2):23-6. | Not intervention of interest |
| House, C. V., Ali, K. E., Bradshaw, C., Connell, D. A. CT-guided obturator nerve block via the posterior approach. <i>Skeletal Radiology</i> . 2006;35(4):227-32. | Not intervention of interest |
| Howarth, D., Burstal, R., Hayes, C., Lan, L., Lantry, G. Autonomic regulation of lymphatic flow in the lower extremity demonstrated on | Not intervention of interest |

| Reference | Exclusion Reason |
|---|------------------------------|
| lymphoscintigraphy in patients with reflex sympathetic dystrophy. <i>Clinical Nuclear Medicine</i> . 1999;24(6):383-7. | |
| Howell, S. M., Serafini, M. E. Ultrasound-guided interscalene block: more than meets the eye. <i>American Journal of Emergency Medicine</i> . 2008;26(5):627-8; author reply 628-9. | Not intervention of interest |
| Hromadka, R., Bartak, V., Popelka, S., Pokorny, D., Jahoda, D., Sosna, A. Ankle block implemented through two skin punctures. <i>Foot & Ankle International</i> . 2010;31(7):619-23. | Not intervention of interest |
| Hsu, L. P., Oh, S., Nuber, G. W., Doty, R., Jr., Kendall, M. C., Gryzlo, S., Nader, A. Nerve block of the infrapatellar branch of the saphenous nerve in knee arthroscopy: a prospective, double-blinded, randomized, placebo-controlled trial. <i>Journal of Bone & Joint Surgery - American Volume</i> . 2013;95(16):1465-72. | Not intervention of interest |
| Huang, D., Gu, Y. H., Liao, Q., Yan, X. B., Zhu, S. H., Gao, C. Q. Effects of linear-polarized near-infrared light irradiation on chronic pain. <i>TheScientificWorldJournal</i> . 2012;2012 :567496. | Not intervention of interest |
| Huang, Z., Ma, J., Shen, B., Pei, F. General anesthesia: to catheterize or not? A prospective randomized controlled study of patients undergoing total knee arthroplasty. <i>Journal of Arthroplasty</i> . 2015;30(3):502-6. | Not intervention of interest |
| Hui, K. C., Zhang, F., Sutkin, H., Wu, P., Tingley, S., Lineaweaver, W. C. Functional assessment of the shoulder following latissimus dorsi muscle donation in the handicapped. <i>Journal of Reconstructive Microsurgery</i> . 1999;15(2):101-3. | Not intervention of interest |
| Hulsman, N. M., Geertzen, J. H., Dijkstra, P. U., van den Dungen, J. J., den Dunnen, W. F. Myopathy in CRPS-I: disuse or neurogenic?. <i>European Journal of Pain</i> . 2009;13(7):731-6. | Not intervention of interest |
| Hung, C. Y., Chang, K. V. Letter to the editor: infrapatellar saphenous neuralgia after TKA can be improved with ultrasound-guided local treatments. <i>Clinical Orthopaedics & Related Research</i> . 2015;473(5):1843-4. | Not intervention of interest |
| Hunt, K. J., Bourne, M. H., Mariani, E. M. Single-injection femoral and sciatic nerve blocks for pain control after total knee arthroplasty. <i>Journal of arthroplasty</i> . 2009;24(4):533-538. | Not intervention of interest |
| Huntoon, M. A. Daring discourse: a new section for readers. <i>Regional Anesthesia & Pain Medicine</i> . 2013;38(6):469-70. | Not intervention of interest |
| Hussain, N., Ferreri, T. G., Prusick, P. J., Banfield, L., Long, B., Prusick, V. R., Bhandari, M. Adductor Canal Block Versus Femoral Canal Block for Total Knee Arthroplasty: A Meta-Analysis: What Does the Evidence Suggest?. <i>Regional Anesthesia & Pain Medicine</i> . 2016;41(3):314-20. | Not intervention of interest |

| Reference | Exclusion Reason |
|---|------------------------------|
| Huygen, F., Patijn, J., Rohof, O., Lataster, A., Mekhail, N., van Kleef, M., Van Zundert, J. 9. Painful shoulder complaints. <i>Pain Practice</i> . 2010;10(4):318-26. | Publication type |
| Hyer, C. F. Radiofrequency microtenotomy of plantar fascia is effective, but why?. <i>Foot & Ankle Specialist</i> . 2008;1(6):368-9. | Publication type |
| Iannaccone, F., Malave, K., Kaufman, A. A retrospective review of genicular nerve radiofrequency ablation in chronic knee osteoarthritis. <i>Regional anesthesia and pain medicine</i> . 2015;41(2) (no pagination):CONFERENCE START: 2015 Nov 19 CONFERENCE END: 2015 Nov 21. | Publication type |
| Ignelzi, R. J., Cummings, T. W. A statistical analysis of percutaneous radiofrequency lesions in the treatment of chronic low back pain and sciatica. <i>Pain</i> . 1980;8(2):181-7. | Not intervention of interest |
| Ilfeld, B. M., Le, L. T., Ramjohn, J., Loland, V. J., Wadhwa, A. N., Gerancher, J. C., Renehan, E. M., Sessler, D. I., Shuster, J. J., Theriaque, D. W., Maldonado, R. C., Mariano, E. R., P. AINfRETM Investigators. The effects of local anesthetic concentration and dose on continuous infraclavicular nerve blocks: a multicenter, randomized, observer-masked, controlled study. <i>Anesthesia & Analgesia</i> . 2009;108(1):345-50. | Not intervention of interest |
| Ilfeld, B. M., Loland, V. J., Gerancher, J. C., Wadhwa, A. N., Renehan, E. M., Sessler, D. I., Shuster, J. J., Theriaque, D. W., Maldonado, R. C., Mariano, E. R., P. AINfRE Investigators. The effects of varying local anesthetic concentration and volume on continuous popliteal sciatic nerve blocks: a dual-center, randomized, controlled study. <i>Anesthesia & Analgesia</i> . 2008;107(2):701-7. | Not intervention of interest |
| Ilfeld, B. M., Meyer, R. S., Le, L. T., Mariano, E. R., Williams, B. A., Vandenborne, K., Duncan, P. W., Sessler, D. I., Enneking, F. K., Shuster, J. J., Maldonado, R. C., Gearen, P. F. Health-related quality of life after tricompartment knee arthroplasty with and without an extended-duration continuous femoral nerve block: a prospective, 1-year follow-up of a randomized, triple-masked, placebo-controlled study. <i>Anesthesia & Analgesia</i> . 2009;108(4):1320-5. | Not intervention of interest |
| Ilfeld, B. M., Morey, T. E., Enneking, F. K. Continuous infraclavicular perineural infusion with clonidine and ropivacaine compared with ropivacaine alone: a randomized, double-blinded, controlled study. <i>Anesthesia & Analgesia</i> . 2003;97(3):706-12. | Not intervention of interest |
| Ilfeld, B. M., Morey, T. E., Wang, R. D., Enneking, F. K. Continuous popliteal sciatic nerve block for postoperative pain control at home: a randomized, double-blinded, placebo-controlled study. <i>Anesthesiology</i> . 2002;97(4):959-65. | Not intervention of interest |
| Ilfeld, B. M., Morey, T. E., Wright, T. W., Chidgey, L. K., Enneking, F. K. Continuous interscalene brachial plexus block for postoperative pain | Not intervention of interest |

| Reference | Exclusion Reason |
|--|------------------------------|
| control at home: a randomized, double-blinded, placebo-controlled study. <i>Anesthesia & Analgesia</i> . 2003;96(4):1089-95, table of contents. | |
| Ilfeld, B. M., Thannikary, L. J., Morey, T. E., Vander Griend, R. A., Enneking, F. K. Popliteal sciatic perineural local anesthetic infusion: a comparison of three dosing regimens for postoperative analgesia. <i>Anesthesiology</i> . 2004;101(4):970-977. | Not intervention of interest |
| Ilfeld, B. M., Wright, T. W., Enneking, F. K., Morey, T. E. Joint range of motion after total shoulder arthroplasty with and without a continuous interscalene nerve block: a retrospective, case-control study. <i>Regional Anesthesia & Pain Medicine</i> . 2005;30(5):429-33. | Not intervention of interest |
| Ilfeld, B. M., Wright, T. W., Enneking, F. K., Vandenborne, K. Total elbow arthroplasty as an outpatient procedure using a continuous infraclavicular nerve block at home: a prospective case report. <i>Regional Anesthesia & Pain Medicine</i> . 2006;31(2):172-6. | Not intervention of interest |
| Ilias, W., Zimpfer, M. [Plexus analgesia in childhood with special consideration of the "loss of resistance"-method and psychic care of children (author's transl)]. <i>Zeitschrift für Kinderchirurgie und Grenzgebiete</i> . 1980;30 Suppl :14-7. | Not intervention of interest |
| Ilkhchoui, Y., Arndt, C. D., Koshkin, E., Vagh, F. Preoperative L1 and L2 paravertebral block is an effective postoperative analgesia for hip arthroscopy in a multimodal analgesic regimen. <i>BMJ Case Reports</i> . 2013;08:08. | Not intervention of interest |
| Imparato, A. M. Lumbar sympathectomy: role in the treatment of occlusive arterial disease in the lower extremities. <i>Surgical Clinics of North America</i> . 1979;59(4):719-35. | Not appropriate population |
| Irazuzta, J. E., Berde, C. B., Sethna, N. F. Laser Doppler measurements of skin blood flow before, during, and after lumbar sympathetic blockade in children and young adults with reflex sympathetic dystrophy syndrome. <i>Journal of Clinical Monitoring</i> . 1992;8(1):16-9. | No outcome of interest |
| Iskandar, H., Benard, A., Ruel-Raymond, J., Cochard, G., Manaud, B. The analgesic effect of interscalene block using clonidine as an analgesic for shoulder arthroscopy. <i>Anesthesia & Analgesia</i> . 2003;96(1):260-2, table of contents. | Not intervention of interest |
| Iskandar, H., Guillaume, E., Dixmieras, F., Binje, B., Rakotondriamihary, S., Thiebaut, R., Maurette, P. The enhancement of sensory blockade by clonidine selectively added to mepivacaine after midhumeral block. <i>Anesthesia & Analgesia</i> . 2001;93(3):771-5. | Not intervention of interest |
| Iskandar, H., Rakotondriamihary, S., Dixmieras, F., Binje, B., Maurette, P. [Analgesia using continuous axillary block after surgery of severe hand | Not intervention of interest |

| Reference | Exclusion Reason |
|--|------------------------------|
| injuries: self-administration versus continuous injection]. <i>Annales Francaises d Anesthesie et de Reanimation</i> . 1998;17(9):1099-103. | |
| Isnardon, S., Vinclair, M., Genty, C., Hebrard, A., Albaladejo, P., Payen, J. F. Pupillometry to detect pain response during general anaesthesia following unilateral popliteal sciatic nerve block: a prospective, observational study. <i>European Journal of Anaesthesiology</i> . 2013;30(7):429-34. | Not intervention of interest |
| Ito, H., Shibata, Y., Fujiwara, Y., Komatsu, T. [Ultrasound-guided femoral nerve block]. <i>Masui - Japanese Journal of Anesthesiology</i> . 2008;57(5):575-9. | Not intervention of interest |
| Ivani, G., Codipietro, L., Gagliardi, F., Rosso, F., Mossetti, V., Vitale, P. A long-term continuous infusion via a sciatic catheter in a 3-year-old boy. <i>Paediatric Anaesthesia</i> . 2003;13(8):718-21. | Not intervention of interest |
| Jack, R. D. Regional anaesthesia for pain relief. <i>British Journal of Anaesthesia</i> . 1975;47 suppl :278-80. | Not intervention of interest |
| Jaffe, J. D., Morgan, T. R., Russell, G. B. Combined Sciatic and Lumbar Plexus Nerve Blocks for the Analgesic Management of Hip Arthroscopy Procedures: A Retrospective Review. <i>Journal of Pain & Palliative Care Pharmacotherapy</i> . 2017;31(2):121-125. | Not intervention of interest |
| Jain, S., Mannan, K. The diagnosis and management of Morton's neuroma: a literature review. <i>Foot & Ankle Specialist</i> . 2013;6(4):307-17. | Publication type |
| Jakanani, G. C., Jaiveer, S., Ashford, R., Rennie, W. Computed tomography-guided coblation and cementoplasty of a painful acetabular metastasis: an effective palliative treatment. <i>Journal of Palliative Medicine</i> . 2010;13(1):83-5. | Not intervention of interest |
| James, C. D., Little, T. F. Regional hip blockade. A simplified technique for the relief of intractable osteoarthritic pain. <i>Anaesthesia</i> . 1976;31(8):1060-7. | Not intervention of interest |
| James, N. K., Khoo, C. T., Fell, R. H. The "mini-Bier's block": a new technique for prevention of tourniquet pain during axillary brachial plexus anaesthesia. <i>Journal of Hand Surgery - British Volume</i> . 1994;19(3):347-9. | Not intervention of interest |
| Jameson, S. S., Kumar, C. S. The efficacy of combined popliteal and ankle blocks in forefoot surgery. <i>Journal of Bone & Joint Surgery - American Volume</i> . 2009;91(2):486-7; author reply 487. | Not intervention of interest |
| Jandard, C., Gentili, M. E., Girard, F., Ecoffey, C., Heck, M., Laxenaire, M. C., Bouaziz, H. Infraclavicular block with lateral approach and nerve stimulation: extent of anesthesia and adverse effects. <i>Regional Anesthesia & Pain Medicine</i> . 2002;27(1):37-42. | Not intervention of interest |
| Jankovic, D., Peng, P., van Zundert, A. Brief review: piriformis syndrome: etiology, diagnosis, and management. <i>Canadian Journal of Anaesthesia</i> . 2013;60(10):1003-12. | Publication type |

| Reference | Exclusion Reason |
|---|------------------------------|
| Jankovic, D., van Zundert, A. The frozen shoulder syndrome. Description of a new technique and five case reports using the subscapular nerve block and subscapularis trigger point infiltration. <i>Acta Anaesthesiologica Belgica</i> . 2006;57(2):137-43. | Not intervention of interest |
| Jankowski, C. J., Hebl, J. R., Stuart, M. J., Rock, M. G., Pagnano, M. W., Beighley, C. M., Schroeder, D. R., Horlocker, T. T. A comparison of psoas compartment block and spinal and general anesthesia for outpatient knee arthroscopy. <i>Anesthesia & Analgesia</i> . 2003;97(4):1003-9, table of contents. | Not intervention of interest |
| Jansen, T. K., Miller, B. E., Arretche, N., Pellegrini, J. E. Will the addition of a sciatic nerve block to a femoral nerve block provide better pain control following anterior cruciate ligament repair surgery?. <i>AANA journal</i> . 2009;77(3):213-218. | Not intervention of interest |
| Jarrett, G. J., Rongstad, K. M., Snyder, M. Technique tip: popliteal nerve block by surgeon in the lateral decubitus position. <i>Foot & Ankle International</i> . 2004;25(1):37-8. | Not intervention of interest |
| Jeng, C. L., Torrillo, T. M., Anderson, M. R., Morrison, R. S., Todd, K. H., Rosenblatt, M. A. Development of a mobile ultrasound-guided peripheral nerve block and catheter service. <i>Journal of Ultrasound in Medicine</i> . 2011;30(8):1139-44. | Not intervention of interest |
| Jenkins, C. R., Karmakar, M. K. An unusual complication of interscalene brachial plexus catheterization: delayed catheter migration. <i>British Journal of Anaesthesia</i> . 2005;95(4):535-7. | Not intervention of interest |
| Jenkner, F. L. Selective anterolateral chordotomy for upper extremity pain. <i>Archives of Neurology</i> . 1961;4 :660-2. | Not intervention of interest |
| Jenstrup, M. T., Jaeger, P., Lund, J., Fomsgaard, J. S., Bache, S., Mathiesen, O., Larsen, T. K., Dahl, J. B. Effects of adductor-canal-blockade on pain and ambulation after total knee arthroplasty: a randomized study. <i>Acta Anaesthesiologica Scandinavica</i> . 2012;56(3):357-64. | Not intervention of interest |
| Jeong, M. Y., Yu, J. S., Chung, W. B. Usefulness of thermography in diagnosis of complex regional pain syndrome type I after transradial coronary intervention. <i>Journal of Invasive Cardiology</i> . 2013;25(9):E183-5. | Not intervention of interest |
| Jerosch, J., Aldawoudy, A. M. Arthroscopic treatment of patients with moderate arthrofibrosis after total knee replacement. <i>Knee Surgery, Sports Traumatology, Arthroscopy</i> . 2007;15(1):71-7. | Not intervention of interest |
| Jerosch, J., Saad, M., Greig, M., Filler, T. Suprascapular nerve block as a method of preemptive pain control in shoulder surgery. <i>Knee Surgery, Sports Traumatology, Arthroscopy</i> . 2008;16(6):602-7. | Not intervention of interest |
| Jeske, H. C., Kralinger, F., Wambacher, M., Perwanger, F., Schoepf, R., Oberladstaetter, J., Krappinger, D., Dallapozza, C., Hoffmann, F. A | Not intervention of interest |

| Reference | Exclusion Reason |
|--|------------------------------|
| randomized study of the effectiveness of suprascapular nerve block in patient satisfaction and outcome after arthroscopic subacromial decompression. <i>Arthroscopy</i> . 2011;27(10):1323-8. | |
| Jimenez-Almonte, J. H., Wyles, C. C., Wyles, S. P., Norambuena-Morales, G. A., Baez, P. J., Murad, M. H., Sierra, R. J. Is Local Infiltration Analgesia Superior to Peripheral Nerve Blockade for Pain Management After THA: A Network Meta-analysis. <i>Clinical Orthopaedics & Related Research</i> . 2016;474(2):495-516. | Not intervention of interest |
| Jirat, S., Stanek, F., Jonasova, A., Krivanek, J., Tesar, D. [Retrograde intravenous perfusion--a therapeutic method in trophic defects of the lower extremities. Experience in patients with primary thrombocythemia]. <i>Vnitřní Lekarství</i> . 1997;43(10):672-7. | Not intervention of interest |
| Jochum, D., Iohom, G., Choquet, O., Macalou, D., Ouologuem, S., Meuret, P., Kayembe, F., Heck, M., Mertes, P. M., Bouaziz, H. Adding a selective obturator nerve block to the parasacral sciatic nerve block: an evaluation. <i>Anesthesia & Analgesia</i> . 2004;99(5):1544-9; table of contents. | Not intervention of interest |
| Joe, H. B., Choo, H. S., Yoon, J. S., Oh, S. E., Cho, J. H., Park, Y. U. Adductor canal block versus femoral nerve block combined with sciatic nerve block as an anesthetic technique for hindfoot and ankle surgery: A prospective, randomized noninferiority trial. <i>Medicine</i> . 2016;95(52):e5758. | Not intervention of interest |
| Johnson, P. W., Carpenter, R. L. Temporary increase in leg pain resulting from lumbar sympathetic blockade. <i>Pain</i> . 1990;42(2):201-3. | Not intervention of interest |
| Jonayed, S. A., Kamruzzaman, M., Saha, M. K., Alam, S., Akter, S. The Role of Selective Nerve Root Block in the Treatment of Lumbar Radicular Leg Pain. <i>Mymensingh Medical Journal: MMJ</i> . 2016;25(1):141-7. | Not intervention of interest |
| Jones, S. F., White, A. Analgesia following femoral neck surgery. Lateral cutaneous nerve block as an alternative to narcotics in the elderly. <i>Anaesthesia</i> . 1985;40(7):682-5. | Not intervention of interest |
| Jones, W. B., Baker, L. D. Denervation as a means of treating chronic hip pain. <i>Southern Medical Journal</i> . 1962;55 :4-9. | No outcome of interest |
| Jonsson, B., Stromqvist, B., Annertz, M., Holtas, S., Sunden, G. Diagnostic lumbar nerve root block. <i>Journal of Spinal Disorders</i> . 1988;1(3):232-5. | Not intervention of interest |
| Joo, E. Y., Kong, Y. G., Lee, J., Cho, H. S., Kim, S. H., Suh, J. H. Change in pulse transit time in the lower extremity after lumbar sympathetic ganglion block: an early indicator of successful block. <i>Journal of International Medical Research</i> . 2017;45(1):203-210. | Not intervention of interest |
| Kaabachi, O., Ouezini, R., Koubaa, W., Ghrab, B., Zargouni, A., Ben Abdelaziz, A. Tramadol as an adjuvant to lidocaine for axillary brachial plexus block. <i>Anesthesia & Analgesia</i> . 2009;108(1):367-70. | Not intervention of interest |

| Reference | Exclusion Reason |
|--|------------------------------|
| Kabakov, B. O. [Impact of saturation of the mixed capillary blood on the subjective estimation of the postoperative pain intensity]. <i>Klinicheskaia Khirurgiia</i> . 2013; (10):45-7. | Not intervention of interest |
| Kaddoum, R. N., Burgoyne, L. L., Pereiras, J. A., Germain, M., Neel, M., Angheliescu, D. L. Nerve sheath catheter analgesia for forequarter amputation in paediatric oncology patients. <i>Anaesthesia & Intensive Care</i> . 2013;41(5):671-7. | Not intervention of interest |
| Kadic, L., Boonstra, M. C., D. E. Waal Malefijt MC, Lako, S. J., V. A. N. Egmond J, Driessen, J. J. Continuous femoral nerve block after total knee arthroplasty?. <i>Acta Anaesthesiologica Scandinavica</i> . 2009;53(7):914-20. | Not intervention of interest |
| Kadiyala, R. K., Lombardi, J. M. Denervation of the Wrist Joint for the Management of Chronic Pain. <i>Journal of the American Academy of Orthopaedic Surgeons</i> . 2017;25(6):439-447. | Publication type |
| Kadnikov, Olu, Morozova, L. N., Stepanenko, S. M. [Supraclavicular block during elbow joint surgeries in children]. <i>Anesteziologiya i Reanimatologiya</i> . 2011; (1):25-6. | Not intervention of interest |
| Kairaluoma, P. M., Bachmann, M. S., Korpinen, A. K., Rosenberg, P. H., Pere, P. J. Single-injection paravertebral block before general anesthesia enhances analgesia after breast cancer surgery with and without associated lymph node biopsy. <i>Anesthesia & Analgesia</i> . 2004;99(6):1837-43, table of contents. | Not intervention of interest |
| Kakazu, C. Z., Julka, I. Stellate ganglion blockade for acute postoperative upper extremity pain. <i>Anesthesiology</i> . 2005;102(6):1288-9; author reply 1289. | Not intervention of interest |
| Kakigi, R., Shibasaki, H., Ikeda, A. Pain-related somatosensory evoked potentials following CO ₂ laser stimulation in man. <i>Electroencephalography & Clinical Neurophysiology</i> . 1989;74(2):139-46. | Not intervention of interest |
| Kaliya-Perumal, A. K., Yeh, Y. C., Luo, C. A., Joey-Tan, K. Y. Assessment of Anteroposterior Subpedicular Approach and Oblique Scotty Dog Subpedicular Approach for Selective Nerve Root Block. <i>Clinics in Orthopedic Surgery</i> . 2017;9(1):71-76. | Not intervention of interest |
| Kanai, A., Koiso, S., Hoka, S. Comparison of analgesia induced by continuous epidural infusion of plain 1% lidocaine and 1% lidocaine prepared by dilution of 2% lidocaine with the same volume of saline. <i>Journal of Clinical Anesthesia</i> . 2007;19(7):534-8. | Not intervention of interest |
| Kanayama, M., Hashimoto, T., Shigenobu, K., Oha, F., Yamane, S. New treatment of lumbar disc herniation involving 5-hydroxytryptamine _{2A} receptor inhibitor: a randomized controlled trial. <i>Journal of Neurosurgery Spine</i> . 2005;2(4):441-6. | Not intervention of interest |

| Reference | Exclusion Reason |
|--|------------------------------|
| Kane, D., Lockhart, J. C., Balint, P. V., Mann, C., Ferrell, W. R., McInnes, I. B. Protective effect of sensory denervation in inflammatory arthritis (evidence of regulatory neuroimmune pathways in the arthritic joint). <i>Annals of the Rheumatic Diseases</i> . 2005;64(2):325-7. | Not appropriate population |
| Kane, T. P., Rogers, P., Hazelgrove, J., Wimsey, S., Harper, G. D. Pulsed radiofrequency applied to the suprascapular nerve in painful cuff tear arthropathy. <i>Journal of Shoulder & Elbow Surgery</i> . 2008;17(3):436-40. | No outcome of interest |
| Kang, K. S., Bulstrode, C. Accelerated progression of osteoarthritis after hip block: a retrospective matched control study. <i>Annals of the Royal College of Surgeons of England</i> . 1991;73(2):124-5. | Not intervention of interest |
| Kang, S. B., Rumball, K. M., Ettinger, R. S. Continuous axillary brachial plexus analgesia in a patient with severe hemophilia. <i>Journal of Clinical Anesthesia</i> . 2003;15(1):38-40. | Not intervention of interest |
| Kano, T., Shimoda, O., Gotou, K., Morioka, T. A low frequency, high amplitude rhythmic fluctuation of laser-Doppler skin blood flow after subarachnoid phenol block. <i>Journal of the Autonomic Nervous System</i> . 1993;44(1):61-6. | Not intervention of interest |
| Kaplan, L., Uribe, J. W. The acute effects of radiofrequency energy in articular cartilage: an in vitro study. <i>Arthroscopy</i> . 2000;16(1):2-5. | Not appropriate population |
| Kapoor, S. Pain management in patients with plantar fasciitis: the emerging role of radial extracorporeal shockwave therapy. <i>Journal of Foot & Ankle Surgery</i> . 2012;51(4):541. | Not intervention of interest |
| Kapusuz, O., Argun, G., Arikan, M., Togral, G., Basarir, A., Kadiogullari, N. Comparison of the effects of low volume prilocaine and alkalized prilocaine for the regional intravenous anesthesia technique in hand and wrist surgery. <i>BioMed Research International</i> . 2014;2014 :725893. | Not intervention of interest |
| Karacalar, A., Karacalar, S., Uckunkaya, N., Sahin, S., Ozcan, B. Combined use of axillary block and lateral femoral cutaneous nerve block in upper-extremity injuries requiring large skin grafts. <i>Journal of Hand Surgery - American Volume</i> . 1998;23(6):1100-5. | Not intervention of interest |
| Karaman, H., Tufek, A., Kavak, G. O., Yildirim, Z. B., Celik, F. Would pulsed radiofrequency applied to different anatomical regions have effective results for chronic pain treatment?. <i>JPMA - Journal of the Pakistan Medical Association</i> . 2011;61(9):879-85. | Observational study n < 10 |
| Karaman, H., Tufek, A., Kavak, G. O., Yildirim, Z. B., Uysal, E., Celik, F., Kaya, S. Intra-articularly applied pulsed radiofrequency can reduce chronic knee pain in patients with osteoarthritis. <i>Journal of the Chinese Medical Association: JCMA</i> . 2011;74(8):336-40. | Not intervention of interest |

| Reference | Exclusion Reason |
|--|------------------------------|
| Karatas, G. K., Meray, J. Suprascapular nerve block for pain relief in adhesive capsulitis: comparison of 2 different techniques. <i>Archives of Physical Medicine & Rehabilitation</i> . 2002;83(5):593-7. | Not intervention of interest |
| Kardash, K., Hickey, D., Tessler, M. J., Payne, S., Zukor, D., Velly, A. M. Obturator versus femoral nerve block for analgesia after total knee arthroplasty. <i>Anesthesia & Analgesia</i> . 2007;105(3):853-8. | Not intervention of interest |
| Karim, M. R., Fann, A. V., Gray, R. P., Neale, D. F., Escarda, J. D. Enthesitis of biceps brachii short head and coracobrachialis at the coracoid process: a generator of shoulder and neck pain. <i>American Journal of Physical Medicine & Rehabilitation</i> . 2005;84(5):376-80. | Not intervention of interest |
| Karnwal, A., Liao, W., Julka, I. S., Kakazu, C. Z. Stellate ganglion block for postoperative analgesia in patients with upper extremity orthopaedic injuries. <i>Anaesthesia</i> . 2011;66(11):1052-3. | Not intervention of interest |
| Karovic, D., Blumenthal, S., Schneeberger, A., Borgeat, A. Suprascapular nerve block prolongs analgesia after nonarthroscopic shoulder surgery but does not improve outcome: suprascapular nerve blocked one, two...or more times?. <i>Anesthesia & Analgesia</i> . 2003;97(4):1195; author reply 1195-6. | Not intervention of interest |
| Kasimahanti, R., Arora, S., Bhatia, N., Singh, G. Ultrasound-guided single- vs double-level thoracic paravertebral block for postoperative analgesia in total mastectomy with axillary clearance. <i>Journal of Clinical Anesthesia</i> . 2016;33 :414-21. | Not intervention of interest |
| Kasten, P., Simanski, C. J., Volk, T., Schmelzer-Schmied, N. [Analgesia in shoulder, elbow and hand surgery]. <i>Orthopade</i> . 2008;37(10):970, 972-6. | Not intervention of interest |
| Kastler, B., Michalakis, D., Clair, C. H., Allal, R., Delabrousse, E., Peireira, P. H., Boulahdour, Z., Litzler, J. F., Monnier, F., Fergane, B. [Stellate ganglion radiofrequency neurolysis under CT guidance. Preliminary study]. <i>Jbr-Btr: Organe de la Societe Royale Belge de Radiologie</i> . 2001;84(5):191-4. | Not in English |
| Kaszap, B., Daecke, W. [Kienbock's disease: an actual summary with long-term results of the therapeutic options]. <i>Handchirurgie, Mikrochirurgie, Plastische Chirurgie</i> . 2010;42(3):177-86. | Not intervention of interest |
| Kataria, S., Asif, A., Kim, D., Shah, V. Scientific abstract: Chronic pain histopathological investigation of 10% lidocaine as a neurolytic agent: An animal model. <i>Regional Anesthesia and Pain Medicine. Conference: 40th Annual Regional Anesthesia and Acute Pain Medicine Meeting of the American Society of Regional Anesthesia and Pain Medicine, ASRA</i> . 2015;40(5): . | Not appropriate population |
| Kathouda, N., Wattanasirichaigoon, S., Tang, E., Yassini, P., Ngaorungsri, U. Laparoscopic lumbar sympathectomy. <i>Surgical Endoscopy</i> . 1997;11(3):257-60. | Observational study n < 10 |

| Reference | Exclusion Reason |
|--|---|
| Katz, M. M., Hungerford, D. S. Reflex sympathetic dystrophy affecting the knee. <i>Journal of Bone & Joint Surgery - British Volume</i> . 1987;69(5):797-803. | Not intervention of interest |
| Kaufman, E., Epstein, J. B., Naveh, E., Gorsky, M., Gross, A., Cohen, G. A survey of pain, pressure, and discomfort induced by commonly used oral local anesthesia injections. <i>Anesthesia Progress</i> . 2005;52(4):122-7. | Not intervention of interest |
| Kawaguchi, M., Hashizume, K., Iwata, T., Furuya, H. Percutaneous radiofrequency lesioning of sensory branches of the obturator and femoral nerves for the treatment of hip joint pain. <i>Regional Anesthesia & Pain Medicine</i> . 2001;26(6):576-81. | Observational study of harms, excluded because no evidence for the intervention |
| Kaya, M., Eksert, S., Akay, S., Kantemir, A., Keklikci, K. Interscalene or suprascapular block in a patient with shoulder dislocation. <i>American Journal of Emergency Medicine</i> . 2017;35(1):195.e1-195.e3. | Not intervention of interest |
| Kazakov Iu, I., Belov, I. V., Khatyov, M. G., Sitkin, S. I. [Preoperative preparation of patients with critical lower limb ischemia and pronounced painful syndrome]. <i>Angiologiya i Sosudistaiia Khirurgiia/Angiology & Vascular Surgery</i> . 2004;10(4):73-7. | Not intervention of interest |
| Kean, J., Wigderowitz, C. A., Coventry, D. M. Continuous interscalene infusion and single injection using levobupivacaine for analgesia after surgery of the shoulder. A double-blind, randomised controlled trial. <i>Journal of Bone & Joint Surgery - British Volume</i> . 2006;88(9):1173-7. | Not intervention of interest |
| Keaney, T. C., Gudas, A. T., Alster, T. S. Delayed Onset Pain Associated With Cryolipolysis Treatment: A Retrospective Study With Treatment Recommendations. <i>Dermatologic Surgery</i> . 2015;41(11):1296-9. | Not intervention of interest |
| Kefalianakis, F., Scriba, K., Hoffmann, M., Jung, I., Kugler, M. [Incorrect positioning of a catheter for continuous block of the nervus suprascapularis. A case report]. <i>Anaesthetist</i> . 2003;52(6):507-10. | Not intervention of interest |
| Kempen, P. M., O'Donnell, J., Lawler, R., Mantha, V. Acute respiratory insufficiency during interscalene plexus block. <i>Anesthesia & Analgesia</i> . 2000;90(6):1415-6. | Not intervention of interest |
| Kendler, M., Simon, J. C., Wetzig, T. Local anesthesia with lidocaine and prilocaine, using the tumescent technique, for the radiofrequency ablation of lower extremity varicose veins. <i>International Journal of Dermatology</i> . 2013;52(6):739-44. | Not intervention of interest |
| Kennedy, R., Hester, J., Simon, D. W. Malignancy as a possible complication of complex regional pain syndrome: a case report. <i>Pain Medicine</i> . 2010;11(1):101-5. | Not intervention of interest |
| Keplinger, M., Marhofer, P., Marhofer, D., Schroegeendorfer, K., Haslik, W., Zeitlinger, M., Mayer, C. V., Kettner, S. C. Effective local anaesthetic | Not intervention of interest |

| Reference | Exclusion Reason |
|--|---|
| volumes for sciatic nerve blockade: a clinical evaluation of the ED99. <i>Anaesthesia</i> . 2015;70(5):585-90. | |
| Keramidas, E. G., Rodopoulou, S. G., Tsoutsos, D., Miller, G., Ioannovich, J. Comparison of transthecal digital block and traditional digital block for anesthesia of the finger. <i>Plastic & Reconstructive Surgery</i> . 2004;114(5):1131-4; discussion 1135-6. | Not intervention of interest |
| Kesikburun, S., Yasar, E., Uran, A., Adiguzel, E., Yilmaz, B. Ultrasound-Guided Genicular Nerve Pulsed Radiofrequency Treatment For Painful Knee Osteoarthritis: A Preliminary Report. <i>Pain Physician</i> . 2016;19(5):E751-9. | Observational study of harms, excluded because no evidence for the intervention |
| Keskinbora, K., Aydinli, I. Perineural morphine in patients with chronic ischemic lower extremity pain: efficacy and long-term results. <i>Journal of Anesthesia</i> . 2009;23(1):11-8. | Not intervention of interest |
| Keskinbora, K., Aydinli, I. [Long-term results of suprascapular pulsed radiofrequency in chronic shoulder pain]. <i>Agri Dergisi</i> . 2009;21(1):16-21. | Not in English |
| Ketonis, C., Ilyas, A. M., Liss, F. Pain management strategies in hand surgery. <i>Orthopedic Clinics of North America</i> . 2015;46(3):399-408, xi. | Not intervention of interest |
| Key, J. A., Reynolds, F. C. Intrapelvic obturator neurectomy for the relief of chronic arthritis of the hip. <i>Surgery</i> . 1948;24(6):959-67. | Full text could not be retrieved |
| Keyl, C., Held, T., Albiez, G., Schmack, A., Wiesenack, C. Increased electrical nerve stimulation threshold of the sciatic nerve in patients with diabetic foot gangrene: a prospective parallel cohort study. <i>European Journal of Anaesthesiology</i> . 2013;30(7):435-40. | Not intervention of interest |
| Khan, J. A., Devkota, P., Acharya, B. M., Pradhan, N. M., Shreshtha, S. K., Singh, M., Mainali, L. Manipulation under local anesthesia in idiopathic frozen shoulder--a new effective and simple technique. <i>Nepal Medical College Journal: NMJ</i> . 2009;11(4):247-53. | Not intervention of interest |
| Khanduja, V., Villar, R. N. The arthroscopic management of femoroacetabular impingement. <i>Knee Surgery, Sports Traumatology, Arthroscopy</i> . 2007;15(8):1035-40. | Not intervention of interest |
| Kido, K., Ito, H., Makita, K. [Ultrasound-guided peripheral nerve block for high-risk patients with arteriosclerosis obliterans in lower limb surgery--a report of nine cases]. <i>Masui - Japanese Journal of Anesthesiology</i> . 2012;61(10):1117-20. | Not intervention of interest |
| Kii, N., Yamauchi, M., Takahashi, K., Yamakage, M., Wada, T. Differential axillary nerve block for hand or forearm soft-tissue surgery. <i>Journal of Anesthesia</i> . 2014;28(4):549-53. | Not intervention of interest |
| Kim, B. G., Han, J. U., Song, J. H., Yang, C., Lee, B. W., Baek, J. S. A comparison of ultrasound-guided interscalene and supraclavicular blocks | Not intervention of interest |

| Reference | Exclusion Reason |
|--|------------------------------|
| for post-operative analgesia after shoulder surgery. <i>Acta Anaesthesiologica Scandinavica</i> . 2017;61(4):427-435. | |
| Kim, C. T., Bryant, P. Complex regional pain syndrome (type I) after electrical injury: a case report of treatment with continuous epidural block. <i>Archives of Physical Medicine & Rehabilitation</i> . 2001;82(7):993-5. | Not intervention of interest |
| Kim, D. H., Choi, S. S., Yoon, S. H., Lee, S. H., Seo, D. K., Lee, I. G., Choi, W. J., Shin, J. W. Ultrasound-guided genicular nerve block for knee osteoarthritis: a double-blind, randomized controlled trial of local anesthetic alone or in combination with corticosteroid. <i>Pain physician</i> . 2018;21(1):41-51. | Not intervention of interest |
| Kim, D., Choi, D., Kim, C., Kim, J., Choi, Y. Transverse process and needles of medial branch block to facet joint as landmarks for ultrasound-guided selective nerve root block. <i>Clinics in Orthopedic Surgery</i> . 2013;5(1):44-8. | Not intervention of interest |
| Kim, E. D., Yoo, W. J., Kim, Y. N., Park, H. J. Ultrasound-guided pulsed radiofrequency treatment of the cervical sympathetic chain for complex regional pain syndrome: A retrospective observational study. <i>Medicine</i> . 2017;96(1):e5856. | Not intervention of interest |
| Kim, H. S., Kim, C. S., Kim, S. D., Lee, J. R. Fascia iliaca compartment block reduces emergence agitation by providing effective analgesic properties in children. <i>Journal of Clinical Anesthesia</i> . 2011;23(2):119-23. | Not intervention of interest |
| Kim, J. T., Lee, J. H., Yoon, S. Z., Lim, Y. J., Bahk, J. H., Kim, C. S., Jeon, Y. Effect of lumbar flexion on the extent of epidural blockade. <i>Regional Anesthesia & Pain Medicine</i> . 2007;32(6):471-4. | Not intervention of interest |
| Kim, J. Y., Song, K. S., Kim, W. J., Park, Y. H., Kang, H., Woo, Y. C., Shin, H. Y. Analgesic efficacy of two interscalene blocks and one cervical epidural block in arthroscopic rotator cuff repair. <i>Knee Surgery, Sports Traumatology, Arthroscopy</i> . 2016;24(3):931-9. | Not intervention of interest |
| Kim, S. Y., Le, P. U., Kosharsky, B., Kaye, A. D., Shaparin, N., Downie, S. A. Is Genicular Nerve Radiofrequency Ablation Safe? A Literature Review and Anatomical Study. <i>Pain Physician</i> . 2016;19(5):E697-705. | Publication type |
| Kim, Y. A., Yoon, K. B., Kwon, T. D., Kim, D. H., Yoon, D. M. Evaluation of anatomic landmarks for axillary nerve block in the quadrilateral space. <i>Acta Anaesthesiologica Scandinavica</i> . 2014;58(5):567-71. | Not intervention of interest |
| Kim, Y. C., Bahk, J. H., Lee, S. C., Lee, Y. W. Infrared thermographic imaging in the assessment of successful block on lumbar sympathetic ganglion. <i>Yonsei Medical Journal</i> . 2003;44(1):119-24. | Not intervention of interest |
| Kim, Y. M., Joo, Y. B., Kang, C., Song, J. H. Can ultrasound-guided nerve block be a useful method of anesthesia for arthroscopic knee surgery?. <i>Knee Surgery, Sports Traumatology, Arthroscopy</i> . 2015;23(7):2090-6. | Not intervention of interest |

| Reference | Exclusion Reason |
|---|------------------------------|
| Kimura, T., Goda, Y., Kemmotsu, O., Shimada, Y. Regional differences in skin blood flow and temperature during total spinal anaesthesia. <i>Canadian Journal of Anaesthesia</i> . 1992;39(2):123-7. | Not intervention of interest |
| Kinirons, B. P., Bouaziz, H., Paqueron, X., Ababou, A., Jandard, C., Cao, M. M., Bur, M. L., Laxenaire, M. C., Benhamou, D. Sedation with sufentanil and midazolam decreases pain in patients undergoing upper limb surgery under multiple nerve block. <i>Anesthesia & Analgesia</i> . 2000;90(5):1118-21. | Not intervention of interest |
| Kinnard, P., Truchon, R., St-Pierre, A., Montreuil, J. Interscalene block for pain relief after shoulder surgery. A prospective randomized study. <i>Clinical Orthopaedics & Related Research</i> . 1994; (304):22-4. | Not intervention of interest |
| Kinzel, S., Fasselt, R., Prescher, A., Selzer, C., Graf von Keyserlingk, D., Kupper, W. [Sensory innervation of the hip joint capsule in dogs]. <i>Tierärztliche Praxis. Ausgabe K, Kleintiere/Heimtiere</i> . 1998;26(5):330-5. | Not appropriate population |
| Kinzel, S., Hein, S., von Scheven, C., Kupper, W. [10 years experience with denervation of the hip joint capsule for treatment of canine hip joint dysplasia and arthrosis]. <i>Berliner und Munchener Tierärztliche Wochenschrift</i> . 2002;115(1-2):53-6. | Not appropriate population |
| Kirchhoff, R., Jensen, P. B., Nielsen, N. S., Boeckstyns, M. E. Repeated digital nerve block for pain control after tenolysis. <i>Scandinavian Journal of Plastic & Reconstructive Surgery & Hand Surgery</i> . 2000;34(3):257-8. | Not intervention of interest |
| Kirk, J. A., Kersley, G. D. Heat and cold in the physical treatment of rheumatoid arthritis of the knee. A controlled clinical trial. <i>Annals of Physical Medicine</i> . 1968;9(7):270-4. | Not intervention of interest |
| Kissin, I., Xavier, A. V., McDanal, J. Blockade of sciatic nerve branches relieves sciatic radicular pain. <i>Anesthesia & Analgesia</i> . 1989;69(2):262-3. | Not intervention of interest |
| Kjar, R. A., Powell, G. J., Schilcht, S. M., Smith, P. J., Slavin, J., Choong, P. F. Percutaneous radiofrequency ablation for osteoid osteoma: experience with a new treatment. <i>Medical Journal of Australia</i> . 2006;184(11):563-5. | Not intervention of interest |
| Klc, Z., Filiz, M. B., Cakr, T., Toraman, N. F. Addition of Suprascapular Nerve Block to a Physical Therapy Program Produces an Extra Benefit to Adhesive Capsulitis: A Randomized Controlled Trial. <i>American Journal of Physical Medicine & Rehabilitation</i> . 2015;94(10 Suppl 1):912-20. | Not intervention of interest |
| Klein, D. S., Klein, P. W. Low-volume ulnar nerve block within the axillary sheath for the treatment of reflex sympathetic dystrophy. <i>Canadian Journal of Anaesthesia</i> . 1991;38(6):764-6. | Not intervention of interest |
| Klein, S. M., Grant, S. A., Greengrass, R. A., Nielsen, K. C., Speer, K. P., White, W., Warner, D. S., Steele, S. M. Interscalene brachial plexus block with a continuous catheter insertion system and a disposable infusion pump. <i>Anesthesia & Analgesia</i> . 2000;91(6):1473-8. | Not intervention of interest |

| Reference | Exclusion Reason |
|--|------------------------------|
| Kleinert, H. E., Cole, N. M., Wayne, L., Harvey, R., Kutz, J. E., Atasoy, E. Post-traumatic sympathetic dystrophy. <i>Orthopedic Clinics of North America</i> . 1973;4(4):917-27. | Not intervention of interest |
| Kleinman, D., Rosen, R. C., Cohen, J. M. Combined anesthetic and surgical treatment of reflex sympathetic dystrophy following a healed crush injury of the foot. <i>Journal of Foot Surgery</i> . 1990;29(1):55-8. | Not intervention of interest |
| Kleinsasser, L. J. Raynaud's phenomenon and atypical causalgia; the role of sympathectomy. <i>Annals of Surgery</i> . 1948;127(4):720-9. | Not intervention of interest |
| Kline, J. P. Response: Ultrasound-guided procedures in anesthesia. <i>AANA Journal</i> . 2013;81(5):339-40. | Not intervention of interest |
| Kline, J. P. Ultrasound-guided placement of combined superficial cervical plexus and selective C5 nerve root catheters: a novel approach to treating distal clavicle surgical pain. <i>AANA Journal</i> . 2013;81(1):19-22. | Not intervention of interest |
| Knoop, K., Trott, A., Syverud, S. Comparison of digital versus metacarpal blocks for repair of finger injuries. <i>Annals of Emergency Medicine</i> . 1994;23(6):1296-300. | Not intervention of interest |
| Knutsen, O., Ygge, H. Prolonged extradural anaesthesia with bupivacaine at lumbago and sciatica. <i>Acta Orthopaedica Scandinavica</i> . 1971;42(4):338-52. | Not intervention of interest |
| Ko, S. H., Cho, S. D., Lee, C. C., Choi, J. K., Kim, H. W., Park, S. J., Bae, M. H., Cha, J. R. Comparison of Arthroscopically Guided Suprascapular Nerve Block and Blinded Axillary Nerve Block vs. Blinded Suprascapular Nerve Block in Arthroscopic Rotator Cuff Repair: A Randomized Controlled Trial. <i>Clinics in Orthopedic Surgery</i> . 2017;9(3):340-347. | Not intervention of interest |
| Koch, T., Fichtner, A., Schwemmer, U., Standl, T., Volk, T., Engelhard, K., Stevens, M. F., Putzke, C., Scholz, J., Zenz, M., Motsch, J., Hempel, V., Heinrichs, A., Zwissler, B. Levobupivacaine for epidural anaesthesia and postoperative analgesia in hip surgery: a multi-center efficacy and safety equivalence study with bupivacaine and ropivacaine. <i>Anaesthesist</i> . 2008;57(5):475-82. | Not intervention of interest |
| Koff, M. D., Cohen, J. A., McIntyre, J. J., Carr, C. F., Sites, B. D. Severe brachial plexopathy after an ultrasound-guided single-injection nerve block for total shoulder arthroplasty in a patient with multiple sclerosis. <i>Anesthesiology</i> . 2008;108(2):325-8. | Not intervention of interest |
| Koh, D. L., Lim, B. H. Postoperative continuous interscalene brachial plexus blockade for hand surgery. <i>Annals of the Academy of Medicine, Singapore</i> . 1995;24(4 Suppl):3-7. | Not intervention of interest |
| Koh, H. J., Koh, I. J., Kim, M. S., Choi, K. Y., Jo, H. U., In, Y. Does Patient Perception Differ Following Adductor Canal Block and Femoral Nerve Block | Not intervention of interest |

| Reference | Exclusion Reason |
|--|------------------------------|
| in Total Knee Arthroplasty? A Simultaneous Bilateral Randomized Study. <i>Journal of Arthroplasty</i> . 2017;32(6):1856-1861. | |
| Kojundzic, S. L., Dujmovic, I., Grkovic, I., Sapunar, D. Regional differences in epidermal thickness and behavioral response following partial denervation of the rat paw. <i>International Journal of Neuroscience</i> . 2008;118(12):1748-62. | Not appropriate population |
| Kol, I. O., Ozturk, H., Kaygusuz, K., GURSOY, S., Comert, B., Mimaroglu, C. Addition of dexmedetomidine or lornoxicam to prilocaine in intravenous regional anaesthesia for hand or forearm surgery: a randomized controlled study. <i>Clinical Drug Investigation</i> . 2009;29(2):121-9. | Not intervention of interest |
| Komasawa, N., Watanabe, N., Sakai, M., Minami, T. A novel skin traction method to facilitate ultrasound-guided femoral nerve block in morbidly obese patients. <i>Journal of Clinical Anesthesia</i> . 2017;39 :3. | Not intervention of interest |
| Kong, K. H., Chua, K. S. Neurolysis of the musculocutaneous nerve with alcohol to treat poststroke elbow flexor spasticity. <i>Archives of Physical Medicine & Rehabilitation</i> . 1999;80(10):1234-6. | Not appropriate population |
| Koorn, R., Tenhundfeld Fear, K. M., Miller, C., Boezaart, A. The use of cervical paravertebral block as the sole anesthetic for shoulder surgery in a morbid patient: a case report. <i>Regional Anesthesia & Pain Medicine</i> . 2004;29(3):227-9. | Not intervention of interest |
| Korhonen, A. M. Use of spinal anaesthesia in day surgery. <i>Current Opinion in Anaesthesiology</i> . 2006;19(6):612-6. | Not intervention of interest |
| Koroglu, S., Takmaz, S. A., Kaymak, C., Narli, A., Karalezli, K., Dikmen, B. The preoperative analgesic effect of 3-in-1 block on postoperative pain and tramadol consumption in total hip arthroplasty. <i>Agri Dergisi</i> . 2008;20(1):19-25. | Not intervention of interest |
| Koscielniak-Nielsen, Z. J. Multiple injections in axillary block: where and how many?. <i>Regional Anesthesia & Pain Medicine</i> . 2006;31(3):192-5. | Not intervention of interest |
| Koscielniak-Nielsen, Z. J. Supraclavicular catheter may be an alternative to interscalene catheter in patients at risk for respiratory failure after major shoulder surgery. <i>Regional Anesthesia & Pain Medicine</i> . 2013;38(3):251. | Not intervention of interest |
| Koscielniak-Nielsen, Z. J., Frederiksen, B. S., Rasmussen, H., Hesselbjerg, L. A comparison of ultrasound-guided supraclavicular and infraclavicular blocks for upper extremity surgery. <i>Acta Anaesthesiologica Scandinavica</i> . 2009;53(5):620-6. | Not intervention of interest |
| Koscielniak-Nielsen, Z. J., Rasmussen, H., Nielsen, P. T. Patients' perception of pain during axillary and humeral blocks using multiple nerve stimulations. <i>Regional Anesthesia & Pain Medicine</i> . 2004;29(4):328-32. | Not intervention of interest |
| Koscielniak-Nielsen, Z. J., Rotboll-Nielsen, P., Rasmussen, H. Patients' experiences with multiple stimulation axillary block for fast-track | Not intervention of interest |

| Reference | Exclusion Reason |
|---|------------------------------|
| ambulatory hand surgery. <i>Acta Anaesthesiologica Scandinavica</i> . 2002;46(7):789-93. | |
| Kosy, J. D., Schranz, P. J., Toms, A. D., Eyres, K. S., Mandalia, V. I. The use of radiofrequency energy for arthroscopic chondroplasty in the knee. <i>Arthroscopy</i> . 2011;27(5):695-703. | Publication type |
| Kouri, B. Current evaluation and treatment of lower extremity varicose veins. <i>American Journal of Medicine</i> . 2009;122(6):513-5. | Not intervention of interest |
| Kovalak, E., Dogan, A. T., Uzumcugil, O., Obut, A., Yildiz, A. S., Kanay, E., Tuzuner, T., Ozyuvaci, E. A comparison of continuous femoral nerve block and periarticular local infiltration analgesia in the management of early period pain developing after total knee arthroplasty. <i>Acta Orthopaedica et Traumatologica Turcica</i> . 2015;49(3):260-6. | Not intervention of interest |
| Koyyalamudi, V. B., Arulkumar, S., Yost, B. R., Fox, C. J., Urman, R. D., Kaye, A. D. Supraclavicular and paravertebral blocks: Are we underutilizing these regional techniques in perioperative analgesia?. <i>Best Practice & Research. Clinical Anaesthesiology</i> . 2014;28(2):127-38. | Not intervention of interest |
| Koyyalamudi, V. B., Elliott, C., Gibbs, C. P., Boezaart, A. P. Perioperative analgesia for forequarter amputation in a child: a dual paravertebral approach. <i>Anesthesia & Analgesia</i> . 2010;110(3):761-3. | Not intervention of interest |
| Krenzel, B. A., Cook, C., Martin, G. N., Vail, T. P., Attarian, D. E., Bolognesi, M. P. Posterior capsular injections of ropivacaine during total knee arthroplasty: a randomized, double-blind, placebo-controlled study. <i>Journal of Arthroplasty</i> . 2009;24(6 Suppl):138-43. | Not intervention of interest |
| Krieger, A. J., Jannetta, P. J. Pain in the back and lower extremities. <i>Current Problems in Surgery</i> . 1973; :32-43. | Publication type |
| Kriwanek, K. L., Wan, J., Beaty, J. H., Pershad, J. Axillary block for analgesia during manipulation of forearm fractures in the pediatric emergency department a prospective randomized comparative trial. <i>Journal of Pediatric Orthopedics</i> . 2006;26(6):737-40. | Not intervention of interest |
| Krone, S. C., Chan, V. W., Regan, J., Peng, P., Poate, E. M., McCartney, C., Miniaci, A. Analgesic effects of low-dose ropivacaine for interscalene brachial plexus block for outpatient shoulder surgery-a dose-finding study. <i>Regional Anesthesia & Pain Medicine</i> . 2001;26(5):439-43. | Not intervention of interest |
| Krupatkin, A. I., Golubev, I. O., Merkulov, M. V., Kutepov, I. A., Maksimov, A. A., Kuz'michev, V. A. [The efficacy of hand desimpatization after sympatectomy by complex regional pain syndrome]. <i>Khirurgiia</i> . 2011; (7):43-7. | Not in English |
| Krupina, N. A., Orlova, I. N., Khlebnikova, N. N., Grafova, V. N., Smirnova, V. S., Kukushkin, M. L., Kryzhanovskii, G. N., Pankova, N. B., Rodina, V. I. | Not appropriate population |

| Reference | Exclusion Reason |
|--|------------------------------|
| Experimental depressive-pain syndrome in rats with initial various anxiety-phobic levels: a behavioral study. <i>Bulletin of Experimental Biology & Medicine</i> . 2002;133(6):548-52. | |
| Kuang, M. J., Ma, J. X., Fu, L., He, W. W., Zhao, J., Ma, X. L. Is Adductor Canal Block Better Than Femoral Nerve Block in Primary Total Knee Arthroplasty? A GRADE Analysis of the Evidence Through a Systematic Review and Meta-Analysis. <i>Journal of Arthroplasty</i> . 2017;32(10):3238-3248.e3. | Not intervention of interest |
| Kuang, M. J., Ma, J. X., Ma, X. L. Response: Letter to the editor on the article "Adductor canal block versus continuous femoral nerve block in primary total knee arthroplasty: A meta-analysis". <i>International Journal Of Surgery</i> . 2017;40 :176-177. | Not intervention of interest |
| Kuang, M. J., Xu, L. Y., Ma, J. X., Wang, Y., Zhao, J., Lu, B., Ma, X. L. Adductor canal block versus continuous femoral nerve block in primary total knee arthroplasty: A meta-analysis. <i>International Journal Of Surgery</i> . 2016;31 :17-24. | Not intervention of interest |
| Kubota, Y., Koizumi, T., Udagawa, A., Kuroki, T. Prevention of tourniquet pain by subcutaneous injection into the posterior half of the axilla. <i>Journal of Plastic, Reconstructive & Aesthetic Surgery: JPRAS</i> . 2008;61(5):595-7. | Not intervention of interest |
| Kucera, T. J., Boezaart, A. P. Regional anesthesia does not consistently block ischemic pain: two further cases and a review of the literature. <i>Pain Medicine</i> . 2014;15(2):316-9. | Not intervention of interest |
| Kuijpers, M., Klinkenberg, T. J., Bouma, W., DeJongste, M. J., Mariani, M. A. Single-port one-stage bilateral thoracoscopic sympathectomy for severe hyperhidrosis: prospective analysis of a standardized approach. <i>Journal Of Cardiothoracic Surgery</i> . 2013;8 :216. | Not intervention of interest |
| Kulkarni, M., Elliot, D. Local anaesthetic infusion for postoperative pain. <i>Journal of Hand Surgery - British Volume</i> . 2003;28(4):300-6. | Not intervention of interest |
| Kumar, N., Thapa, D., Gombar, S., Ahuja, V., Gupta, R. Analgesic efficacy of pre-operative stellate ganglion block on postoperative pain relief: a randomised controlled trial. <i>Anaesthesia</i> . 2014;69(9):954-660. | Not intervention of interest |
| Kumar, S., Mackay, C., O'Callaghan, J., De'Ambrosis, B. Complex regional pain syndrome after dermatological surgery. <i>Australasian Journal of Dermatology</i> . 2008;49(4):242-4. | Publication type |
| Kuniya, H., Aota, Y., Kawai, T., Kaneko, K., Konno, T., Saito, T. Prospective study of superior cluneal nerve disorder as a potential cause of low back pain and leg symptoms. <i>Journal of Orthopaedic Surgery</i> . 2014;9 :139. | Not intervention of interest |
| Kuntz, F., Bouaziz, H., Bur, M. L., Boileau, S., Merle, M., Laxenaire, M. C. [Comparison between 1.5% lidocaine with adrenaline and 1.5% plain | Not intervention of interest |

| Reference | Exclusion Reason |
|--|------------------------------|
| mepivacaine in axillary brachial plexus block]. <i>Annales Francaises d Anesthesie et de Reanimation</i> . 2001;20(8):693-8. | |
| Kurnaz, M. M., Ersoy, A., Altan, A., Ervatan, Z., Unlu, N. [Comparison of hemodynamics, recovery profile and postoperative analgesia of unilateral spinal anaesthesia with combined sciatic-femoral nerve block in knee arthroscopy]. <i>Agri Dergisi</i> . 2014;26(4):171-8. | Not intervention of interest |
| Kurt, E., Ozturk, S., Isik, S., Zor, F. Continuous brachial plexus blockade for digital replantations and toe-to-hand transfers. <i>Annals of Plastic Surgery</i> . 2005;54(1):24-7. | Not intervention of interest |
| Kurt, E., van Eijk, T., Henssen, D., Arnts, I., Steegers, M. Neuromodulation of the Suprascapular Nerve. <i>Pain Physician</i> . 2016;19(1):E235-9. | Not intervention of interest |
| Kus, A., Gurkan, Y., Gormus, S. K., Solak, M., Toker, K. Usefulness of perfusion index to detect the effect of brachial plexus block. <i>Journal of Clinical Monitoring & Computing</i> . 2013;27(3):325-8. | Not intervention of interest |
| Kuusniemi, K., Leino, K., Lertola, K., Pihlajamaki, K., Pitkanen, M. Comparison of two spinal needle types to achieve a unilateral spinal block. <i>Journal of Anesthesia</i> . 2013;27(2):224-30. | Not intervention of interest |
| Kuzumaki, N., Narita, M., Narita, M., Hareyama, N., Niikura, K., Nagumo, Y., Nozaki, H., Amano, T., Suzuki, T. Chronic pain-induced astrocyte activation in the cingulate cortex with no change in neural or glial differentiation from neural stem cells in mice. <i>Neuroscience Letters</i> . 2007;415(1):22-7. | Not appropriate population |
| Kvarstein, G. A new target for radiofrequency neurotomy?. <i>Pain</i> . 2011;152(3):465-6. | Publication type |
| La Colla, L., Ben-David, B., Merman, R. Quadratus Lumborum Block as an Alternative to Lumbar Plexus Block for Hip Surgery: A Report of 2 Cases. <i>A & A Case Reports</i> . 2017;8(1):4-6. | Not intervention of interest |
| Lai, Y. T., Yang, L. H., Chio, C. C., Chen, H. H. Complications in patients with palmar hyperhidrosis treated with transthoracic endoscopic sympathectomy. <i>Neurosurgery</i> . 1997;41(1):110-3; discussion 113-5. | Not appropriate population |
| Laiq, N., Khan, M. N., Arif, M., Khan, S. Midazolam with bupivacaine for improving analgesia quality in brachial plexus block for upper limb surgeries. <i>Jcsp, Journal of the College of Physicians & Surgeons - Pakistan</i> . 2008;18(11):674-8. | Not intervention of interest |
| Lam, K., Wong, D., Tam, C. K., Wah, S. H., Myint, M. W., Yu, T. K., So, K. K., Cheung, G., Au, K. M., Fu, M. H., Wu, Y. M., Kng, C. P. Ultrasound and electrical stimulator-guided obturator nerve block with phenol in the treatment of hip adductor spasticity in long-term care patients: a randomized, triple blind, placebo controlled study. <i>Journal of the American Medical Directors Association</i> . 2015;16(3):238-46. | Not appropriate population |

| Reference | Exclusion Reason |
|---|------------------------------|
| Lam, N. C., Petersen, T. R., Gerstein, N. S., Yen, T., Starr, B., Mariano, E. R. A randomized clinical trial comparing the effectiveness of ultrasound guidance versus nerve stimulation for lateral popliteal-sciatic nerve blocks in obese patients. <i>Journal of Ultrasound in Medicine</i> . 2014;33(6):1057-63. | Not intervention of interest |
| Lang, R. S., Kentor, M. L., Vallejo, M., Bigeleisen, P., Wisniewski, S. R., Orebaugh, S. L. The impact of local anesthetic distribution on block onset in ultrasound-guided interscalene block. <i>Acta Anaesthesiologica Scandinavica</i> . 2012;56(9):1146-51. | Not intervention of interest |
| Lareau, J. M., Robbins, C. E., Talmo, C. T., Mehio, A. K., Puri, L., Bono, J. V. Complications of femoral nerve blockade in total knee arthroplasty and strategies to reduce patient risk. <i>Journal of Arthroplasty</i> . 2012;27(4):564-8. | Not intervention of interest |
| Larsen, B., Macher, F., Bolte, M., Larsen, R. [Stellate ganglion block with transcutaneous electric nerve stimulation (TENS): a double-blind study with healthy probands]. <i>Anesthesiologie, Intensivmedizin, Notfallmedizin, Schmerztherapie</i> . 1995;30(3):155-62. | Not intervention of interest |
| Larsson, S. E. Compression arthrodesis of the wrist. A consecutive series of 23 cases. <i>Clinical Orthopaedics & Related Research</i> . 1974; (99):146-53. | Not appropriate study design |
| Laufer, Y., Dar, G. Effectiveness of thermal and athermal short-wave diathermy for the management of knee osteoarthritis: a systematic review and meta-analysis. <i>Osteoarthritis & Cartilage</i> . 2012;20(9):957-66. | Not intervention of interest |
| Laufer, Y., Dar, G. Response to Letter to the Editor: comment on Laufer et al. entitled "Effectiveness of thermal and athermal short-wave diathermy for the management of knee osteoarthritis: a systematic review and meta-analysis". <i>Osteoarthritis & Cartilage</i> . 2014;22(4):607-8. | Publication type |
| Laulan, J., Marteau, E., Bacle, G. Wrist osteoarthritis. <i>Orthopaedics & traumatology, surgery & research</i> . 2015;101(1 Suppl):S1-9. | Publication type |
| Laurila, P. A., Lopponen, A., Kanga-Saarela, T., Flinkkila, T., Salomaki, T. E. Interscalene brachial plexus block is superior to subacromial bursa block after arthroscopic shoulder surgery. <i>Acta Anaesthesiologica Scandinavica</i> . 2002;46(8):1031-6. | Not intervention of interest |
| Laurito, C. E., Cohn, S. J., Becker, G. L. Effects of subcutaneous verapamil on the duration of local anesthetic blockade. <i>Journal of Clinical Anesthesia</i> . 1994;6(5):414-8. | Not intervention of interest |
| Lavie, L. G., Fox, M. P., Dasa, V. Overview of Total Knee Arthroplasty and Modern Pain Control Strategies. <i>Current Pain & Headache Reports</i> . 2016;20(11):59. | Not intervention of interest |
| Lavorato, F., Longoni, F., Mori, G., Bedoni, P., Maione, G. [The role of lumbar sympathectomy. Review of the cases performed between 1950 and 1955 (author's transl)]. <i>Acta Chirurgica Belgica</i> . 1977;76(1):119-22. | Not intervention of interest |

| Reference | Exclusion Reason |
|--|------------------------------|
| Le Nen, D., Richou, J., Simon, E., Le Bourg, M., Nabil, N., de Bodman, C., Bacle, G., Saint-Cast, Y., Obert, L., Saraux, A., Bellemere, P., Dreano, T., Laulan, J. The arthritic wrist. I--the degenerative wrist: surgical treatment approaches. <i>Orthopaedics & traumatology, surgery & research</i> . 2011;97(4 Suppl):S31-6. | Publication type |
| Le, L. T., Loland, V. J., Mariano, E. R., Gerancher, J. C., Wadhwa, A. N., Renehan, E. M., Sessler, D. I., Shuster, J. J., Theriaque, D. W., Maldonado, R. C., Ilfeld, B. M., P. AINfRE Investigators. Effects of local anesthetic concentration and dose on continuous interscalene nerve blocks: a dual-center, randomized, observer-masked, controlled study. <i>Regional Anesthesia & Pain Medicine</i> . 2008;33(6):518-25. | Not intervention of interest |
| Lee, D. G., Cho, Y. W., Cho, K. H., Chang, M. C. Management of refractory sciatic neuropathic pain using ultrasound-guided pulsed radiofrequency. <i>Journal of Back & Musculoskeletal Rehabilitation</i> . 2017;30(5):1141-1145. | Observational study n < 10 |
| Lee, D. H., Lee, M. Y., Kwack, K. S., Yoon, S. H. Effect of adductor canal block on medial compartment knee pain in patients with knee osteoarthritis: Retrospective comparative study. <i>Medicine</i> . 2017;96(12):e6374. | Not intervention of interest |
| Lee, E., Ben-David, B. Combined supraclavicular and elbow blocks. <i>Anaesthesia</i> . 1990;45(4):337-8. | Not intervention of interest |
| Lee, J. A. Regional analgesia. <i>International Anesthesiology Clinics</i> . 1967;5(1):69-89. | Not intervention of interest |
| Lee, J. J., Hwang, J. T., Kim, D. Y., Lee, S. S., Hwang, S. M., Lee, N. R., Kwak, B. C. Effects of arthroscopy-guided suprascapular nerve block combined with ultrasound-guided interscalene brachial plexus block for arthroscopic rotator cuff repair: a randomized controlled trial. <i>Knee Surgery, Sports Traumatology, Arthroscopy</i> . 2017;25(7):2121-2128. | Not intervention of interest |
| Lee, J. J., Kim, D. Y., Hwang, J. T., Lee, S. S., Hwang, S. M., Kim, G. H., Jo, Y. G. Effect of ultrasonographically guided axillary nerve block combined with suprascapular nerve block in arthroscopic rotator cuff repair: a randomized controlled trial. <i>Arthroscopy</i> . 2014;30(8):906-14. | Not intervention of interest |
| Lee, J. J., Yoo, Y. S., Hwang, J. T., Kim, D. Y., Jeon, S. J., Hwang, S. M., Jang, J. S. Efficacy of direct arthroscopy-guided suprascapular nerve block after arthroscopic rotator cuff repair: a prospective randomized study. <i>Knee Surgery, Sports Traumatology, Arthroscopy</i> . 2015;23(2):562-6. | Not intervention of interest |
| Lee, R. Local block for postoperative knee arthroscopy pain management: a retrospective study. <i>AANA Journal</i> . 2004;72(6):419-21. | Not intervention of interest |
| Lee, S. M., Park, S. E., Nam, Y. S., Han, S. H., Lee, K. J., Kwon, M. J., Ji, J. H., Choi, S. K., Park, J. S. Analgesic effectiveness of nerve block in shoulder arthroscopy: comparison between interscalene, suprascapular and axillary | Not intervention of interest |

| Reference | Exclusion Reason |
|---|------------------------------|
| nerve blocks. <i>Knee Surgery, Sports Traumatology, Arthroscopy</i> . 2012;20(12):2573-8. | |
| Lefevre, J. H., Parc, Y., Lewin, M., Bennis, M., Tiret, E., Parc, R. Radiofrequency ablation for recurrent pelvic cancer. <i>Colorectal Disease</i> . 2008;10(8):781-4. | Not appropriate population |
| Lehmann, J. F., Warren, C. G., Scham, S. M. Therapeutic heat and cold. <i>Clinical Orthopaedics & Related Research</i> . 1974; (99):207-45. | Not intervention of interest |
| Lehtipalo, S., Koskinen, L. O., Johansson, G., Kolmodin, J., Biber, B. Continuous interscalene brachial plexus block for postoperative analgesia following shoulder surgery. <i>Acta Anaesthesiologica Scandinavica</i> . 1999;43(3):258-64. | Not intervention of interest |
| Leipzig, T. J., Mullan, S. F. Causalgic pain relieved by prolonged procaine amide sympathetic blockade. Case report. <i>Journal of Neurosurgery</i> . 1984;60(5):1095-6. | Not intervention of interest |
| Lemont, H. A simplified nerve block to control postoperative foot pain. <i>Journal of the American Podiatry Association</i> . 1978;68(3):193. | Not intervention of interest |
| Levy, C. E., Lorch, F. Recovery of upper limb motor function in tetraplegia with stellate ganglion block treatment of reflex sympathetic dystrophy: a case report. <i>American Journal of Physical Medicine & Rehabilitation</i> . 1996;75(6):479-82. | Not intervention of interest |
| Lewis, G. B. Prolonged regional analgesia in scleroderma. <i>Canadian Anaesthetists' Society Journal</i> . 1974;21(5):495-7. | Not intervention of interest |
| Lewis, R. N. The use of combined suprascapular and circumflex (articular branches) nerve blocks in the management of chronic arthritis of the shoulder joint. <i>European Journal of Anaesthesiology</i> . 1999;16(1):37-41. | No outcome of interest |
| Li, D., Ma, G. G. Analgesic efficacy and quadriceps strength of adductor canal block versus femoral nerve block following total knee arthroplasty. <i>Knee Surgery, Sports Traumatology, Arthroscopy</i> . 2016;24(8):2614-9. | Not intervention of interest |
| Li, D., Tan, Z., Kang, P., Shen, B., Pei, F. Effects of multi-site infiltration analgesia on pain management and early rehabilitation compared with femoral nerve or adductor canal block for patients undergoing total knee arthroplasty: a prospective randomized controlled trial. <i>International orthopaedics</i> . 2017;41(1):75-83. | Not intervention of interest |
| Li, D., Yang, H., Meyerson, B. A., Linderorth, B. Response to spinal cord stimulation in variants of the spared nerve injury pain model. <i>Neuroscience Letters</i> . 2006;400(1-2):115-20. | Not intervention of interest |
| Li, J., Dong, B. H., Wu, X. C., Xu, P. [Effect of Femoral and Sciatic Nerve Block on Tourniquet Reaction and Postoperative Pain during Total Knee | Not intervention of interest |

| Reference | Exclusion Reason |
|---|---|
| Arthroplasty]. <i>Zhongguo yi xue ke xue yuan xue bao.</i> 2015;Acta Academiae Medicinae Sinicae. 37(6):641-4. | |
| Li, S. Y., Zhang, P., Qu, F., Wang, J. L., Liu, Y. J., Wei, M. [Arthroscopic treatment of painful heel syndrome with radio-frequency]. <i>Zhongguo Gushang.</i> 2013;26(5):391-4. | Not in English |
| Li, T., Zhou, L., Zhuang, Q., Weng, X., Bian, Y. Patellar denervation in total knee arthroplasty without patellar resurfacing and postoperative anterior knee pain: a meta-analysis of randomized controlled trials. <i>Journal of Arthroplasty.</i> 2014;29(12):2309-13. | Not intervention of interest |
| Li, X., Zhou, K., Zhang, E., Qi, Z., Sun, W., Xu, L., Xu, J., Cai, Y., Wang, R. Therapeutic effect of electroacupuncture, massage, and blocking therapy on external humeral epicondylitis. <i>Journal of Traditional Chinese Medicine.</i> 2014;34(3):261-6. | Not intervention of interest |
| Liam, B. L., Yim, C. F., Chong, J. L. Dose response study of lidocaine 1% for spinal anaesthesia for lower limb and perineal surgery. <i>Canadian Journal of Anaesthesia.</i> 1998;45(7):645-50. | Not intervention of interest |
| Liao, R. Z., Peng, J. H., Chen, Y. X., Ou, J. Y., Liang, Y. P., Zhou, S., Shi, Y. W. [Comparison of the block characteristics of levobupivacaine vs bupivacaine for unilateral spinal block]. <i>Di Yi Junyi Daxue Xuebao.</i> 2005;25(12):1563-4, 1567. | Not intervention of interest |
| Lieberman, R. P., Kaplan, P. A. Superficial peroneal nerve block for leg venography. <i>Radiology.</i> 1987;165(2):578-9. | Not intervention of interest |
| Lierz, P., Hoffmann, P., Felleiter, P., Horauf, K. [Interscalene plexus block for mobilizing chronic shoulder stiffness]. <i>Wiener Klinische Wochenschrift.</i> 1998;110(21):766-9. | Not intervention of interest |
| Lierz, P., Schroegendorfer, K., Choi, S., Felleiter, P., Kress, H. G. Continuous blockade of both brachial plexus with ropivacaine in phantom pain: a case report. <i>Pain.</i> 1998;78(2):135-7. | Not appropriate study design |
| Lilly, G. D. Effect of sympathectomy on development of chronic osteoarthritis: case report. <i>Annals of Surgery.</i> 1966;163(6):856-8. | Not appropriate study design |
| Lin, C. L., Lee, J. S., Su, W. R., Kuo, L. C., Tai, T. W., Jou, I. M. Clinical and ultrasonographic results of ultrasonographically guided percutaneous radiofrequency lesioning in the treatment of recalcitrant lateral epicondylitis. <i>American Journal of Sports Medicine.</i> 2011;39(11):2429-35. | Observational study of harms, excluded because no evidence for the intervention |
| Lin, L. C., Sun, Y. C., Tseng, K. F., Chang, R. Y., Leung, H. K. Comparison of preoperative and postoperative iliohypogastric ilioinguinal nerve block for pediatric herniorrhaphy patients. <i>Ma Tsui Hsueh Tsa Chi Anaesthesiologica Sinica.</i> 1993;31(2):91-6. | Not intervention of interest |

| Reference | Exclusion Reason |
|--|----------------------------------|
| Lin, M. L., Huang, C. T., Lin, J. G., Tsai, S. K. [A comparison between the pain relief effect of electroacupuncture, regional nerve block and electroacupuncture plus regional nerve block in frozen shoulder]. <i>Acta Anaesthesiologica Sinica</i> . 1994;32(4):237-42. | Not intervention of interest |
| Lin, M. N., Liu, X. X., Wang, S. L., Lan, F. H., Li, X. H., Liu, J. H. [Effect of OA kneepad on apoptosis genes Bcl-2 and p53 expression in articular cartilage cells of experimental knee osteoarthritis]. <i>Zhongguo Gushang</i> . 2009;22(9):688-91. | Not appropriate population |
| Lin, M., Tu, Y., Chen, J., Li, X., Lai, F., Lin, J. [Efficacy comparison of two methods of r3 sympathectomy for palmar hyperhidrosis]. <i>Chung-Hua i Hsueh Tsa Chih [Chinese Medical Journal]</i> . 2014;94(47):3745-7. | Not intervention of interest |
| Lin, Q., Zou, X., Ren, Y., Wang, J., Fang, L., Willis, W. D. Involvement of peripheral neuropeptide Y receptors in sympathetic modulation of acute cutaneous flare induced by intradermal capsaicin. <i>Neuroscience</i> . 2004;123(2):337-47. | Not appropriate population |
| Lindenfeld, T. N., Bach, B. R., Jr., Wojtys, E. M. Reflex sympathetic dystrophy and pain dysfunction in the lower extremity. <i>Instructional Course Lectures</i> . 1997;46 :261-8. | Not intervention of interest |
| Lindenlaub, T., Sommer, C. Partial sciatic nerve transection as a model of neuropathic pain: a qualitative and quantitative neuropathological study. <i>Pain</i> . 2000;89(1):97-106. | Not appropriate population |
| Lindenlaub, T., Teuteberg, P., Hartung, T., Sommer, C. Effects of neutralizing antibodies to TNF-alpha on pain-related behavior and nerve regeneration in mice with chronic constriction injury. <i>Brain Research</i> . 2000;866(1-2):15-22. | Not appropriate population |
| Lindgren, S. Sympathectomy for severe painful leg ulcers. <i>Acta Chirurgica Scandinavica</i> . 1950;100(5):498-501. | Full text could not be retrieved |
| Lindquist, J., Backryd, E. Pulsed radiofrequency in clinical practice - A retrospective analysis of 238 patients with chronic non-cancer pain treated at an academic tertiary pain centre. <i>Scandinavian Journal of Pain</i> . 2016;12 :68-73. | Observational study n < 10 |
| Linson, M. A., Leffert, R., Todd, D. P. The treatment of upper extremity reflex sympathetic dystrophy with prolonged continuous stellate ganglion blockade. <i>Journal of Hand Surgery - American Volume</i> . 1983;8(2):153-9. | Not intervention of interest |
| Lipov, E. G., Navaie, M., Rothfeld, C., Kelzenberg, B., Sharghi, L. H., Solomon, D. J., Provencher, M. T. Use of intra-articular and intrabursal pulsed radiofrequency for the treatment of persistent arthrogenic shoulder pain. <i>Pain Medicine</i> . 2013;14(4):554-6. | Observational study n < 10 |

| Reference | Exclusion Reason |
|---|------------------------------|
| Lipton, S. Percutaneous electrical cordotomy in relief of intractable pain. <i>British Medical Journal</i> . 1968;2(5599):210-2. | Not intervention of interest |
| Little, J. M., May, J. A comparison of the supraclavicular and axillary approaches to upper thoracic sympathectomy. <i>Australian & New Zealand Journal of Surgery</i> . 1975;45(2):143-6. | No outcome of interest |
| Liu, M., Rock, P., Grass, J. A., Heitmiller, R. F., Parker, S. J., Sakima, N. T., Webb, M. D., Gorman, R. B., Beattie, C. Double-blind randomized evaluation of intercostal nerve blocks as an adjuvant to subarachnoid administered morphine for post-thoracotomy analgesia. <i>Regional Anesthesia</i> . 1995;20(5):418-25. | Not intervention of interest |
| Liu, S., Brejot, T., Cressant, A., Bacci, J., Said, G., Tadie, M., Heard, J. M. Reinnervation of hind limb extremity after lumbar dorsal root ganglion injury. <i>Experimental Neurology</i> . 2005;196(2):401-12. | Not appropriate population |
| Liu, X. N., Noh, Y. M., Yang, C. J., Kim, J. U., Chung, M. H., Noh, K. C. Effects of a Single-Dose Interscalene Block on Pain and Stress Biomarkers in Patients Undergoing Arthroscopic Rotator Cuff Repair: a Randomized Controlled Trial. <i>Arthroscopy</i> . 2017;33(5):918-926. | Not intervention of interest |
| Livingstone, J. A., Atkins, R. M. Intravenous regional guanethidine blockade in the treatment of post-traumatic complex regional pain syndrome type 1 (algodystrophy) of the hand. <i>Journal of Bone & Joint Surgery - British Volume</i> . 2002;84(3):380-6. | Not intervention of interest |
| Lizarraga, I., Janovyak, E., Beths, T. Comparing lidocaine, bupivacaine and a lidocaine-bupivacaine mixture as a metacarpal block in sheep. <i>Veterinary Journal</i> . 2013;197(2):515-8. | Not intervention of interest |
| Llado, A., Leon, L., Valls-Sole, J., Mena, P., Callejas, M. A., Peri, J. M. Changes in the sympathetic skin response after thoracoscopic sympathectomy in patients with primary palmar hyperhidrosis. <i>Clinical Neurophysiology</i> . 2005;116(6):1348-54. | No outcome of interest |
| Lloyd, C. H., Srinath, A. K., Muchow, R. D., Iwinski, H. J., Jr., Talwalkar, V. R., Walker, J. L., Montgomery, C., Milbrandt, T. Efficacy of 2 Regional Pain Control Techniques in Pediatric Foot Surgery. <i>Journal of Pediatric Orthopedics</i> . 2016;36(7):720-4. | Not intervention of interest |
| Lloyd, J. W., Barnard, J. D., Glynn, C. J. Cryoanalgesia. A new approach to pain relief. <i>Lancet</i> . 1976;2(7992):932-4. | Not appropriate population |
| Lo, N., Brull, R., Perlas, A., Chan, V. W., McCartney, C. J., Sacco, R., El-Beheiry, H. Evolution of ultrasound guided axillary brachial plexus blockade: retrospective analysis of 662 blocks. <i>Canadian Journal of Anaesthesia</i> . 2008;55(7):408-13. | Not intervention of interest |

| Reference | Exclusion Reason |
|--|------------------------------|
| Locher, S., Burmeister, H., Bohlen, T., Eichenberger, U., Stoupis, C., Moriggl, B., Siebenrock, K., Curatolo, M. Radiological anatomy of the obturator nerve and its articular branches: basis to develop a method of radiofrequency denervation for hip joint pain. <i>Pain Medicine</i> . 2008;9(3):291-8. | Not appropriate population |
| Loh, Y. C., Stanley, J. K., Jari, S., Trail, I. A. Neuroma of the distal posterior interosseous nerve. A cause of iatrogenic wrist pain. <i>Journal of Bone & Joint Surgery - British Volume</i> . 1998;80(4):629-30. | Not appropriate study design |
| London, N. J., Osman, F. A., Ramagopal, K., Journeaux, S. F. Hyaluronidase (Hyalase): a useful addition in haematoma block?. <i>Journal of Accident & Emergency Medicine</i> . 1996;13(5):337-8. | Not intervention of interest |
| Lord, J. W., Jr. Post-traumatic vascular disorders and upper extremity sympathectomy. <i>Orthopedic Clinics of North America</i> . 1970;1(2):393-8. | Not appropriate population |
| Lorea, P., Berthe, J. V., De Mey, A., Coessens, B. C., Rooze, M., Foucher, G. [Thenar branch of the median nerve and innervation of the trapeziometacarpal joint]. <i>Chirurgie de la Main</i> . 2001;20(4):257-62. | Not appropriate population |
| Lorea, P., Dury, M., Marin Braun, F., Dekkai, T., De Mey, A., Foucher, G. [Trapeziometacarpal denervation. Description of surgical technique and preliminary results from a prospective series of 14 cases]. <i>Chirurgie de la Main</i> . 2002;21(4):209-17. | Not in English |
| Loustau, O., Sans, N., Despeyroux-Ewers, M. L., Chiavassa-Gandois, H., Vial, J., Railhac, J. J. [Shoulder pain: image guided management]. <i>Journal de Radiologie</i> . 2007;88(9 Pt 2):1238-41. | Not intervention of interest |
| Low, C. K., Vartany, A., Engstrom, J. W., Poncelet, A., Diao, E. Comparison of transthecal and subcutaneous single-injection digital block techniques. <i>Journal of Hand Surgery - American Volume</i> . 1997;22(5):901-5. | Not intervention of interest |
| Lucas, D. E., Ekroth, S. R., Hyer, C. F. Intermediate-term results of partial plantar fascia release with microtenotomy using bipolar radiofrequency microtenotomy. <i>Journal of Foot & Ankle Surgery</i> . 2015;54(2):179-82. | Not intervention of interest |
| Lucas, M. A., Harrop-Griffiths, A. W. Interscalene patient-controlled analgesia. <i>Anaesthesia</i> . 1997;52(3):263-4. | Not intervention of interest |
| Ludot, H., Berger, J., Pichenot, V., Belouadah, M., Madi, K., Malinovsky, J. M. Continuous peripheral nerve block for postoperative pain control at home: a prospective feasibility study in children. <i>Regional Anesthesia & Pain Medicine</i> . 2008;33(1):52-6. | Not intervention of interest |
| Lueck, R. A., Ray, R. D. Volkmann's ischemia of the lower extremity. <i>Surgical Clinics of North America</i> . 1972;52(1):145-53. | Not intervention of interest |

| Reference | Exclusion Reason |
|---|----------------------------------|
| Lun, Y., Shen, S., Wu, X., Jiang, H., Xin, S., Zhang, J. Laser fiber migration into the pelvic cavity: A rare complication of endovenous laser ablation. <i>Phlebology</i> . 2015;30(9):641-3. | Not intervention of interest |
| Lund, J., Jenstrup, M. T., Jaeger, P., Sorensen, A. M., Dahl, J. B. Continuous adductor-canal-blockade for adjuvant post-operative analgesia after major knee surgery: preliminary results. <i>Acta Anaesthesiologica Scandinavica</i> . 2011;55(1):14-9. | Not intervention of interest |
| Lundorff, L., Dich-Nielsen, J. O., Laugesen, H., Jensen, M. M. Single-dose spinal anaesthesia versus incremental dosing for lower limb vascular surgery. <i>Acta Anaesthesiologica Scandinavica</i> . 1999;43(4):405-10. | Not intervention of interest |
| Lundy, J. S. Successful chemical sympathectomy for left-sided shoulder pain after a cerebrovascular accident; report of a case. <i>Journal - Lancet</i> . 1955;75(7):325-6. | Full text could not be retrieved |
| Lurf, M., Leixnering, M. Sensory block without a motor block: ultrasound-guided placement of pain catheters in the forearm. <i>Acta Anaesthesiologica Scandinavica</i> . 2010;54(2):257-8. | Not intervention of interest |
| Lutter, L. D. Surgical decisions in athletes' subcalcaneal pain. <i>American Journal of Sports Medicine</i> . 1986;14(6):481-5. | Not intervention of interest |
| Luyet, C., Constantinescu, M., Waltenspul, M., Luginbuhl, M., Vogelin, E. Transition from nerve stimulator to sonographically guided axillary brachial plexus anesthesia in hand surgery: block quality and patient satisfaction during the transition period. <i>Journal of Ultrasound in Medicine</i> . 2013;32(5):779-86. | Not intervention of interest |
| Ma, J., Gao, F., Sun, W., Guo, W., Li, Z. Letter to the editor on the article "Adductor canal block versus continuous femoral nerve block in primary total knee arthroplasty: A meta-analysis". <i>International Journal Of Surgery</i> . 2016;36(Pt A):32-33. | Not intervention of interest |
| Ma, J., Gao, F., Sun, W., Guo, W., Li, Z., Wang, W. Combined adductor canal block with periarticular infiltration versus periarticular infiltration for analgesia after total knee arthroplasty. <i>Medicine</i> . 2016;95(52):e5701. | Not intervention of interest |
| Maalouf, D. B., Dorman, S. M., Sebeo, J., Goytizolo, E. A., Gordon, M. A., Yadeau, J. T., Dehipawala, S. S., Fields, K. Prospective, Randomized Double-Blind Study: Does Decreasing Interscalene Nerve Block Volume for Surgical Anesthesia in Ambulatory Shoulder Surgery Offer Same-Day Patient Recovery Advantages?. <i>Regional Anesthesia & Pain Medicine</i> . 2016;41(4):438-44. | Not intervention of interest |
| Maalouf, D., Liu, S. S., Movahedi, R., Goytizolo, E., Memtsoudis, S. G., Yadeau, J. T., Gordon, M. A., Urban, M., Ma, Y., Wukovits, B., Marcello, D., Reid, S., Cook, A. Nerve stimulator versus ultrasound guidance for placement of popliteal catheters for foot and ankle surgery.[Erratum | Not intervention of interest |

| Reference | Exclusion Reason |
|--|---|
| appears in J Clin Anesth. 2013 Jun;25(4):355 Note: Memstoudis, Stavros G [corrected to Memtsoudis, Stavros G]]. <i>Journal of Clinical Anesthesia</i> . 2012;24(1):44-50. | |
| Maas, Esther T., Ostelo, W. J. G. Raymond, Niemisto, Leena, Jousimaa, Jukkapekka, Hurri, Heikki, Malmivaara, Antti, van Tulder, Maurits W. Radiofrequency denervation for chronic low back pain. <i>Cochrane Database of Systematic Reviews</i> . 2015; (10): . | Not intervention of interest |
| Macaire, P., Choquet, O., Jochum, D., Travers, V., Capdevila, X. Nerve blocks at the wrist for carpal tunnel release revisited: the use of sensory-nerve and motor-nerve stimulation techniques. <i>Regional Anesthesia & Pain Medicine</i> . 2005;30(6):536-40. | Not intervention of interest |
| Macfarlane, A. J., Brull, R. Continuous interscalene block for open shoulder surgery. <i>Anesthesia & Analgesia</i> . 2008;107(2):726; author reply 726-7. | Not intervention of interest |
| Machner, A., Pap, G., Schwarzberg, H., Eberhardt, R., Roessner, A., Neumann, W. [Deterioration of sensory joint innervation as an enabling factor for development of arthrosis. An animal experiment study of the rat model]. <i>Zeitschrift fur Rheumatologie</i> . 1999;58(3):148-54. | Not appropriate population |
| Mackinnon, S. E., Dellon, A. L. Results of treatment of recurrent dorsoradial wrist neuromas. <i>Annals of Plastic Surgery</i> . 1987;19(1):54-61. | Not intervention of interest |
| Madanat, J. P., Geraci, S., Jajoo, P., Dunn, K., Oreste, A. Musculoskeletal pain as a novel complication after posterior tibial nerve block in stroke and traumatic brain injury patients. <i>Pm & R</i> . 2011;3(5):492-4. | Not intervention of interest |
| Madison, S. J., Monahan, A. M., Agarwal, R. R., Furnish, T. J., Mascha, E. J., Xu, Z., Donohue, M. C., Morgan, A. C., Ilfeld, B. M. A randomized, triple-masked, active-controlled investigation of the relative effects of dose, concentration, and infusion rate for continuous popliteal-sciatic nerve blocks in volunteers. <i>British journal of anaesthesia</i> . 2015;114(1):121-9. | Not intervention of interest |
| Madsen, R. J., Stone, L. A., Knapp, J. B., Solomon, J. S. Joint Denervation in the Digits: Technique and Patient Satisfaction. <i>Ann Plast Surg</i> . 2018;80(1):27-31. | Observational study of harms, excluded because no evidence for the intervention |
| Magistris, L., Casati, A., Albertin, A., Deni, F., Danelli, G., Borghi, B., Fanelli, G. Combined sciatic-femoral nerve block with 0.75% ropivacaine: effects of adding a systemically inactive dose of fentanyl. <i>European journal of anaesthesiology</i> . 2000;17(6):348-353. | Not intervention of interest |
| Magnussen, R. A., Pottkotter, K., Stasi, S. D., Paterno, M. V., Wordeman, S. C., Schmitt, L. C., Flanigan, D. C., Kaeding, C. C., Hewett, T. E. Femoral Nerve Block after Anterior Cruciate Ligament Reconstruction. <i>The Journal of Knee Surgery</i> . 2017;30(4):323-328. | Not intervention of interest |

| Reference | Exclusion Reason |
|---|------------------------------|
| Magora, F. An Unusual Complication after Stellate Ganglion Block. A Case Report. <i>British Journal of Anaesthesia</i> . 1964;36 :379-80. | Not intervention of interest |
| Mahadevan, D., Walter, R. P., Minto, G., Gale, T. C., McAllen, C. J., Oldman, M. Combined femoral and sciatic nerve block vs combined femoral and periarticular infiltration in total knee arthroplasty: a randomized controlled trial. <i>Journal of Arthroplasty</i> . 2012;27(10):1806-11. | Not intervention of interest |
| Mahdy, T., Youssef, T., Elmonem, H. A., Omar, W., Elateef, A. A. T4 sympathectomy for palmar hyperhidrosis: looking for the right operation. <i>Surgery</i> . 2008;143(6):784-9. | Not appropriate population |
| Majumdar, A., Lopez-Casas, J., Poo, P., Colomer, J., Galvan, M., Lingappa, L., Short, C., Jardine, P. E., Fernandez-Alvarez, E. Syndrome of fixed dystonia in adolescents--short term outcome in 4 cases. <i>European Journal of Paediatric Neurology</i> . 2009;13(5):466-72. | Not intervention of interest |
| Malhotra, N., Madison, S. J., Ward, S. R., Mariano, E. R., Loland, V. J., Ilfeld, B. M. Continuous interscalene nerve block following adhesive capsulitis manipulation. <i>Regional Anesthesia & Pain Medicine</i> . 2013;38(2):171-2. | Not intervention of interest |
| Mallick, A., Welsh, K., Vucevic, M. Peripheral analgesic effect of morphine. <i>British Journal of Anaesthesia</i> . 1995;75(6):822-3. | Not intervention of interest |
| Maloney, C. T., Jr., DeJesus, R., Dellon, A. L. Painful foot neuromas after toe-to-thumb transfer. <i>Journal of Hand Surgery - American Volume</i> . 2005;30(1):105-10. | Not intervention of interest |
| Mamaeva, E. G., Kurnosov, A. V., Shevkulenko, D. A. [A new mode of brachial plexus block]. <i>Anesteziologiya i Reanimatologiya</i> . 2006; (4):19-21. | Not intervention of interest |
| Manchikanti, L., Singh, V., Cash, K. A., Pampati, V., Damron, K. S., Boswell, M. V. Preliminary results of a randomized, equivalence trial of fluoroscopic caudal epidural injections in managing chronic low back pain: Part 2--Disc herniation and radiculitis. <i>Pain Physician</i> . 2008;11(6):801-15. | Not intervention of interest |
| Manfredi, M., Sacco, G., Sideri, G. The tonic ambulatory foot response. A clinical and electromyographic study. <i>Brain</i> . 1975;98(1):167-80. | Not intervention of interest |
| Mangar, D., Karlinski, R. A., Sprenger, C. J., Downes, K. L., Taffe, N., Wainwright, R., Gustke, K., Bernasek, T. L., Camporesi, E. Knee strength retention and analgesia with continuous perineural fentanyl infusion after total knee replacement: randomized controlled trial. <i>Journal of Anesthesia</i> . 2014;28(2):214-21. | Not intervention of interest |
| Mansour, N. Y. Compartment block for foot surgery. A new approach to tibial nerve and common peroneal nerve block. <i>Regional Anesthesia</i> . 1995;20(2):95-9. | Not intervention of interest |

| Reference | Exclusion Reason |
|---|------------------------------|
| Mansour, N. Y., Bennetts, F. E. An observational study of combined continuous lumbar plexus and single-shot sciatic nerve blocks for post-knee surgery analgesia. <i>Regional Anesthesia</i> . 1996;21(4):287-91. | Not intervention of interest |
| Marcheggiani Muccioli, G. M., Grassi, A., Setti, S., Filardo, G., Zambelli, L., Bonanzinga, T., Rimondi, E., Busacca, M., Zaffagnini, S. Conservative treatment of spontaneous osteonecrosis of the knee in the early stage: pulsed electromagnetic fields therapy. <i>European Journal of Radiology</i> . 2013;82(3):530-7. | Not intervention of interest |
| Marhofer, P., Nasel, C., Sitzwohl, C., Kapral, S. Magnetic resonance imaging of the distribution of local anesthetic during the three-in-one block. <i>Anesthesia & Analgesia</i> . 2000;90(1):119-24. | Not intervention of interest |
| Marhofer, P., Sitzwohl, C., Greher, M., Kapral, S. Ultrasound guidance for infraclavicular brachial plexus anaesthesia in children. <i>Anaesthesia</i> . 2004;59(7):642-6. | Not intervention of interest |
| Marhofer, P., Willschke, H., Kettner, S. C. Ultrasound-guided upper extremity blocks - tips and tricks to improve the clinical practice. <i>Paediatric Anaesthesia</i> . 2012;22(1):65-71. | Not intervention of interest |
| Mariano, E. R., Afra, R., Loland, V. J., Sandhu, N. S., Bellars, R. H., Bishop, M. L., Cheng, G. S., Choy, L. P., Maldonado, R. C., Ilfeld, B. M. Continuous interscalene brachial plexus block via an ultrasound-guided posterior approach: a randomized, triple-masked, placebo-controlled study. <i>Anesthesia & Analgesia</i> . 2009;108(5):1688-94. | Not intervention of interest |
| Mariano, E. R., Cheng, G. S., Choy, L. P., Loland, V. J., Bellars, R. H., Sandhu, N. S., Bishop, M. L., Lee, D. K., Maldonado, R. C., Ilfeld, B. M. Electrical stimulation versus ultrasound guidance for popliteal-sciatic perineural catheter insertion: a randomized controlled trial. <i>Regional Anesthesia & Pain Medicine</i> . 2009;34(5):480-5. | Not intervention of interest |
| Mariano, E. R., Loland, V. J., Ilfeld, B. M. Interscalene perineural catheter placement using an ultrasound-guided posterior approach. <i>Regional Anesthesia & Pain Medicine</i> . 2009;34(1):60-3. | Not intervention of interest |
| Mariano, E. R., Loland, V. J., Sandhu, N. S., Bishop, M. L., Lee, D. K., Schwartz, A. K., Girard, P. J., Ferguson, E. J., Ilfeld, B. M. Comparative efficacy of ultrasound-guided and stimulating popliteal-sciatic perineural catheters for postoperative analgesia. <i>Journal canadien d'anesthesie [Canadian journal of anaesthesia]</i> . 2010;57(10):919-926. | Not intervention of interest |
| Mariano, E. R., Sandhu, N. S., Loland, V. J., Bishop, M. L., Madison, S. J., Abrams, R. A., Meunier, M. J., Ferguson, E. J., Ilfeld, B. M. A randomized comparison of infraclavicular and supraclavicular continuous peripheral nerve blocks for postoperative analgesia. <i>Regional Anesthesia & Pain Medicine</i> . 2011;36(1):26-31. | Not intervention of interest |

| Reference | Exclusion Reason |
|--|------------------------------|
| Marinkovic, D., Simin, J. M., Draskovic, B., Kvrjic, I. M., Pandurov, M. Efficiency of Ultrasound Guided Lower Limb Peripheral Nerve Blocks in Perioperative Pain Management for Knee Arthroscopy in Children. A Randomized Study. <i>Medicinski Pregled</i> . 2016;69(1-2):5-10. | Not intervention of interest |
| Marino, J., Russo, J., Kenny, M., Herenstein, R., Livote, E., Chelly, J. E. Continuous lumbar plexus block for postoperative pain control after total hip arthroplasty. A randomized controlled trial. <i>Journal of Bone & Joint Surgery - American Volume</i> . 2009;91(1):29-37. | Not intervention of interest |
| Markham, S. J., Tomlinson, J., Hain, W. R. Ilioinguinal nerve block in children. A comparison with caudal block for intra and postoperative analgesia. <i>Anaesthesia</i> . 1986;41(11):1098-103. | Not intervention of interest |
| Maroof, M., Khan, R. M., Siddique, M., Tariq, M. Hypobaric spinal anaesthesia with bupivacaine (0.1%) gives selective sensory block for ano-rectal surgery. <i>Canadian Journal of Anaesthesia</i> . 1995;42(8):691-4. | Not intervention of interest |
| Marquardt, B., Gebert, C., Gosheger, G., Steinbeck, J., Lindner, N. J. Percutaneous radiofrequency ablation of an osteoid osteoma of the scapula: a case report. <i>Journal of Shoulder & Elbow Surgery</i> . 2005;14(4):447-9. | Observational study n < 10 |
| Martel Villagran, J., Bueno Horcajadas, A., Agrela Rojas, E. Musculoskeletal interventional radiology: ultrasound and CT. <i>Radiologia</i> . 2016;58 Suppl 2 :45-57. | Not intervention of interest |
| Martin, D. C., Willis, M. L., Mullinax, L. A., Clarke, N. L., Homburger, J. A., Berger, I. H. Pulsed radiofrequency application in the treatment of chronic pain. <i>Pain Practice</i> . 2007;7(1):31-5. | No outcome of interest |
| Martin, F., Martinez, V., Mazoit, J. X., Bouhassira, D., Cherif, K., Gentili, M. E., Piriou, P., Chauvin, M., Fletcher, D. Antiinflammatory effect of peripheral nerve blocks after knee surgery: clinical and biologic evaluation. <i>Anesthesiology</i> . 2008;109(3):484-90. | Not intervention of interest |
| Martin, G., Grant, S. A., Macleod, D. B., Breslin, D. S., Brewer, R. P. Severe phantom leg pain in an amputee after lumbar plexus block. <i>Regional Anesthesia & Pain Medicine</i> . 2003;28(5):475-8. | Not intervention of interest |
| Martin, M. A., Olle, G., Pellejero, J. A., Torruella, R., Yuste, M., Pou, N. [Comparison of the post-surgical analgesic effectiveness of tibial (at internal malleolus level) and common peroneal nerve block with infiltration of the surgical wound in Outpatient Surgery of the hallux valgus]. <i>Revista Espanola de Anestesiologia y Reanimacion</i> . 2012;59(4):197-203. | Not intervention of interest |
| Martin, S. P., Chu, K. H., Mahmoud, I., Greenslade, J. H., Brown, A. F. Double-dorsal versus single-volar digital subcutaneous anaesthetic injection for finger injuries in the emergency department: A randomised controlled trial. <i>Emergency Medicine Australasia</i> . 2016;28(2):193-8. | Not intervention of interest |

| Reference | Exclusion Reason |
|---|---|
| Martinez Navas, A., Vazquez Gutierrez, T., Echevarria Moreno, M. [Continuous popliteal block with ropivacaine via a stimulant catheter for postoperative analgesia after foot surgery]. <i>Revista Espanola de Anestesiologia y Reanimacion</i> . 2003;50(4):188-91. | Not intervention of interest |
| Martinez Navas, A., Vazquez Gutierrez, T., Echevarria Moreno, M. Continuous lateral popliteal block with stimulating catheters. <i>Acta Anaesthesiologica Scandinavica</i> . 2005;49(2):261-3. | Not intervention of interest |
| Martins, D. F., Mazzardo-Martins, L., Gadotti, V. M., Nascimento, F. P., Lima, D. A., Speckhann, B., Favretto, G. A., Bobinski, F., Cargnin-Ferreira, E., Bressan, E., Dutra, R. C., Calixto, J. B., Santos, A. R. Ankle joint mobilization reduces axonotmesis-induced neuropathic pain and glial activation in the spinal cord and enhances nerve regeneration in rats. <i>Pain</i> . 2011;152(11):2653-61. | Not appropriate population |
| Masala, S., Fiori, R., Raguso, M., Calabria, E., Cuzzolino, A., Fusco, A., Simonetti, G. Pulse-dose radiofrequency can reduce chronic pain in trapezio-metacarpal osteoarthritis: A mini-invasive therapeutic approach. <i>International Journal of Rheumatic Diseases</i> . 2017;20(3):309-316. | Observational study of harms, excluded because no evidence for the intervention |
| Mashiah, A., Soroker, D., Pasik, S., Mashiah, T. Phenol lumbar sympathetic block in diabetic lower limb ischemia. <i>Journal of Cardiovascular Risk</i> . 1995;2(5):467-9. | Not appropriate population |
| Mata, J., Valenti, P., Hernandez, B., Mir, B., Aguilar, J. L. Study protocol for a randomised controlled trial of ultrasound-guided pulsed radiofrequency of the genicular nerves in the treatment of patients with osteoarthritis knee pain. <i>BMJ Open</i> . 2017;7(11):e016377. | Publication type |
| Matsuda, H., Oka, Y., Yoshida, R., Katsura, Y., Oyama, T., Katsube, R., Takatsu, S., Miyazaki, M. Application of ultrasound-guided selective sensory nerve block for the endovascular treatment of hemodialysis fistula in the forearm. <i>Journal of Vascular Access</i> . 2016;17(5):e150-1. | Not intervention of interest |
| Matsui, K., Yoshida, M., Maemura, Y., Ichihara, Y., Yamagami, M., Kikuchi, H. [Significance of phrenic nerve block in the anesthetic management of laparoscopic cholecystectomy]. <i>Masui - Japanese Journal of Anesthesiology</i> . 1994;43(11):1718-21. | Not intervention of interest |
| Matsumoto, D., Suenaga, N., Oizumi, N., Hisada, Y., Minami, A. A new nerve block procedure for the suprascapular nerve based on a cadaveric study. <i>Journal of Shoulder & Elbow Surgery</i> . 2009;18(4):607-11. | Not intervention of interest |
| Maurer, K., Ekatothramis, G., Hodler, J., Rentsch, K., Perschak, H., Borgeat, A. Bilateral continuous interscalene block of brachial plexus for analgesia after bilateral shoulder arthroplasty. <i>Anesthesiology</i> . 2002;96(3):762-4. | Not intervention of interest |

| Reference | Exclusion Reason |
|--|------------------------------|
| Maxwell, B. G., Hansen, J. A., Talley, J., Curtin, C. M., Mariano, E. R. Ultrasound-guided continuous median nerve block to facilitate intensive hand rehabilitation. <i>Clinical Journal of Pain</i> . 2013;29(1):86-8. | Not intervention of interest |
| Mazzola, T. J., Poddar, S. K., Hill, J. C. Complex regional pain syndrome I in the upper extremity. <i>Current Sports Medicine Reports</i> . 2004;3(5):261-6. | Publication type |
| McCarty, E. C., Spindler, K. P., Tingstad, E., Shyr, Y., Higgins, M. Does intraarticular morphine improve pain control with femoral nerve block after anterior cruciate ligament reconstruction?. <i>American Journal of Sports Medicine</i> . 2001;29(3):327-32. | Not intervention of interest |
| McCollum, D. E., Stephen, C. R. The Use of Graduated Spinal Anesthesia in the Differential Diagnosis of Pain of the Back and Lower Extremities. <i>Southern Medical Journal</i> . 1964;57 :410-6. | Not intervention of interest |
| McComas, A. J., Jorgensen, P. B., Upton, A. R. The neurapraxic lesion: a clinical contribution to the study of trophic mechanisms. <i>Canadian Journal of Neurological Sciences</i> . 1974;1(3):170-9. | Not intervention of interest |
| McCormick, Z. L., Reddy, R., Korn, M., Dayanim, D., Syed, R. H., Bhave, M., Zhukalin, M., Choxi, S., Ebrahimi, A., Kendall, M. C., McCarthy, R. J., Khan, D., Nagpal, G., Bouffard, K., Walega, D. R. A Prospective Randomized Trial of Prognostic Genicular Nerve Blocks to Determine the Predictive Value for the Outcome of Cooled Radiofrequency Ablation for Chronic Knee Pain Due to Osteoarthritis. <i>Pain Med</i> . 2018;19(8):1628-1638. | No outcome of interest |
| McCrirrick, A., Ramage, D. T. Caudal blockade for postoperative analgesia: a useful adjunct to intramuscular opiates following emergency lower leg orthopaedic surgery. <i>Anaesthesia & Intensive Care</i> . 1991;19(4):551-4. | Not intervention of interest |
| McDonnell, J. G., Finnerty, O., Laffey, J. G. Stellate ganglion blockade for analgesia following upper limb surgery. <i>Anaesthesia</i> . 2011;66(7):611-4. | Not intervention of interest |
| McGraw-Tatum, M. A., Groover, M. T., George, N. E., Urse, J. S., Heh, V. A Prospective, Randomized Trial Comparing Liposomal Bupivacaine vs Fascia Iliaca Compartment Block for Postoperative Pain Control in Total Hip Arthroplasty. <i>Journal of Arthroplasty</i> . 2017;32(7):2181-2185. | Not intervention of interest |
| McLeod, D. H., Wong, D. H., Claridge, R. J., Merrick, P. M. Lateral popliteal sciatic nerve block compared with subcutaneous infiltration for analgesia following foot surgery. <i>Canadian Journal of Anaesthesia</i> . 1994;41(8):673-6. | Not intervention of interest |
| McLeod, D. H., Wong, D. H., Vaghadia, H., Claridge, R. J., Merrick, P. M. Lateral popliteal sciatic nerve block compared with ankle block for analgesia following foot surgery.[Erratum appears in Can J Anaesth 1995 Nov;42(11):1065]. <i>Canadian Journal of Anaesthesia</i> . 1995;42(9):765-9. | Not intervention of interest |
| McLeod, G. A., Dale, J., Robinson, D., Checketts, M., Columb, M. O., Luck, J., Wigderowitz, C., Rowley, D. Determination of the EC50 of levobupivacaine | Not intervention of interest |

| Reference | Exclusion Reason |
|---|------------------------------|
| for femoral and sciatic perineural infusion after total knee arthroplasty. <i>British Journal of Anaesthesia</i> . 2009;102(4):528-33. | |
| McNamee, D. A., Convery, P. N., Milligan, K. R. Total knee replacement: a comparison of ropivacaine and bupivacaine in combined femoral and sciatic block. <i>Acta anaesthesiologica scandinavica</i> . 2001;45(4):477-481. | Not intervention of interest |
| McNamee, D. A., Parks, L., Milligan, K. R. Post-operative analgesia following total knee replacement: an evaluation of the addition of an obturator nerve block to combined femoral and sciatic nerve block. <i>Acta anaesthesiologica scandinavica</i> . 2002;46(1):95-99. | Not intervention of interest |
| McNaught, A., Shastri, U., Carmichael, N., Awad, I. T., Columb, M., Cheung, J., Holtby, R. M., McCartney, C. J. Ultrasound reduces the minimum effective local anaesthetic volume compared with peripheral nerve stimulation for interscalene block. <i>British Journal of Anaesthesia</i> . 2011;106(1):124-30. | Not intervention of interest |
| McNeely, J. K., Hoffman, G. M., Eckert, J. E. Postoperative pain relief in children from the parascalene injection technique. <i>Regional Anesthesia</i> . 1991;16(1):20-2. | Not intervention of interest |
| McNicol, L. R. Lower limb blocks for children. Lateral cutaneous and femoral nerve blocks for postoperative pain relief in paediatric practice. <i>Anaesthesia</i> . 1986;41(1):27-31. | Not intervention of interest |
| McQuay, H., Weir, L., Porter, B., O'Sullivan, G., Paterson, G., Moore, A., Bullingham, R. A model for comparison of local anesthetics in man. <i>Anesthesia & Analgesia</i> . 1982;61(5):418-22. | Not intervention of interest |
| Meco, B. C., Ozcelik, M., Oztuna, D. G., Armangil, M., Guclu, C. Y., Turhan, S. C., Okten, F. Can we gain an advantage by combining distal median, radial and ulnar nerve blocks with supraclavicular block? A randomized controlled study. <i>Journal of Anesthesia</i> . 2015;29(2):217-22. | Not intervention of interest |
| Meier, G., Bauereis, C., Maurer, H. [The modified technique of continuous suprascapular nerve block. A safe technique in the treatment of shoulder pain]. <i>Anaesthesist</i> . 2002;51(9):747-53. | Not intervention of interest |
| Meloncelli, S., Germani, G., Divizia, M., Marchetti, F., Fernicola, A. The role of ultrasound-guided pulsed radiofrequency of saphenous nerve in the osteoarthritis knee pain. <i>Pain practice</i> . 2018;Conference: 9th world congress of the world institute of pain, WIP. 2018. Ireland 18(Supplement 1):27. | Publication type |
| Memis, D., Turan, A., Karamanlioglu, B., Pamukcu, Z., Kurt, I. Adding dexmedetomidine to lidocaine for intravenous regional anesthesia. <i>Anesthesia & Analgesia</i> . 2004;98(3):835-40, table of contents. | Not intervention of interest |

| Reference | Exclusion Reason |
|--|------------------------------|
| Mendicino, R. W., Kim, C., Kabazie, A. J., Catanzariti, A. R. Correction of severe foot and ankle contracture due to CRPS using external fixation and pain management: report of a pediatric case. <i>Journal of Foot & Ankle Surgery</i> . 2008;47(5):434-40. | Not intervention of interest |
| Mendicino, R. W., Statler, T. K., Catanzariti, A. R. Popliteal sciatic nerve blocks after foot and ankle surgery: an adjunct to postoperative analgesia. <i>Journal of Foot & Ankle Surgery</i> . 2002;41(5):338-41. | Not intervention of interest |
| Menzies, R. D., Hawkins, J. K. Analgesia and Improved Performance in a Patient Treated by Cooled Radiofrequency for Pain and Dysfunction Postbilateral Total Knee Replacement. <i>Pain Practice</i> . 2015;15(6):E54-8. | Observational study n < 10 |
| Mercadante, S., Sapio, M., Villari, P. Suprascapular nerve block by catheter for breakthrough shoulder cancer pain. <i>Regional Anesthesia</i> . 1995;20(4):343-6. | Not intervention of interest |
| Mercadante, S., Villari, P., Ferrera, P. Block of interdigital nerves for cancer pain. <i>Journal of Pain & Symptom Management</i> . 2002;24(1):3-4. | Not intervention of interest |
| Mercereau, P., Lee, B., Head, S. J., Schwarz, S. K. A regional anesthesia-based "swing" operating room model reduces non-operative time in a mixed orthopedic inpatient/outpatient population. <i>Canadian Journal of Anaesthesia</i> . 2012;59(10):943-9. | Not intervention of interest |
| Mericq, O., Mansat, M., Boussaton, E., Cauhepe, C., Rigaud, J., Guerot, A., Pech, C., Poirot, B. [Loco-regional anesthesia and orthopedic surgery of the shoulder]. <i>Cahiers d Anesthesiologie</i> . 1993;41(2):115-20. | Not intervention of interest |
| Mewa Kinoo, S., Singh, B. Complex regional pain syndrome in burn pathological scarring: A case report and review of the literature. <i>Burns</i> . 2017;43(3):e47-e52. | Not intervention of interest |
| Meyer-Witting, M., Foster, J. M. Suprascapular nerve block in the management of cancer pain. <i>Anaesthesia</i> . 1992;47(7):626. | Not intervention of interest |
| Meyr, A. J., Diprimio, R. Lower-extremity sclerotomes: clinical applications and the modified mayo block. <i>Journal of the American Podiatric Medical Association</i> . 2009;99(3):232-5. | Not intervention of interest |
| Michel, R. Use of pulsed radio frequency energy in the effective treatment of recalcitrant plantar fasciitis: Six case histories. <i>Foot</i> . 2012;22(1):48-52. | Observational study n < 10 |
| Michelson, J. Invited commentary: efficacy of popliteal block in postoperative pain control after ankle fracture fixation: a prospective randomized study. <i>Journal of Orthopaedic Trauma</i> . 2012;26(10):562; discussion 562. | Not intervention of interest |

| Reference | Exclusion Reason |
|---|------------------------------|
| Middaugh, R. E., Menk, E. J., Reynolds, W. J., Bauman, J. M., Cawthon, M. A., Hartshorne, M. F. Epidural block using large volumes of local anesthetic solution for intercostal nerve block. <i>Anesthesiology</i> . 1985;63(2):214-6. | Not intervention of interest |
| Miller, D., Salo, P., Hart, D. A., Leonard, C., Mammoto, T., Bray, R. C. Neural stimulation does not mediate attenuated vascular response in ACL-deficient knees: potential role of local inflammatory mediators. <i>Journal of Orthopaedic Research</i> . 2010;28(1):83-8. | Not intervention of interest |
| Miller, L., Grice, J. Intradermal proximal field block: an innovative anesthetic technique for levonorgestrel implant removal. <i>Obstetrics & Gynecology</i> . 1998;91(2):294-7. | Not intervention of interest |
| Milleret, R. [Cryoanalgesia of the nerves of the feet in distal arteritis in the elderly]. <i>Journal des Maladies Vasculaires</i> . 1983;8(4):307-10. | Not in English |
| Milligan, R., Houmes, S., Goldberg, L. C., Nagdev, A., Amini, R. Ultrasound-guided forearm nerve blocks in managing hand and finger injuries. <i>Internal & Emergency Medicine</i> . 2017;12(3):381-385. | Not intervention of interest |
| Milowsky, J., Rovenstine, E. A. Suprascapular nerve block; evaluation in the therapy of shoulder pain. <i>Anesthesiology</i> . 1949;10(1):76-81. | Not intervention of interest |
| Minville, V., Chassery, C., Kern, D., Fourcade, O., Dadure, C. Hyperbaric oxygen therapy and pain management in a child with continuous infraclavicular brachial plexus block. <i>Anesthesia & Analgesia</i> . 2004;99(6):1878. | Not intervention of interest |
| Minville, V., Fourcade, O., Idabouk, L., Claassen, J., Chassery, C., Nguyen, L., Pourrut, J. C., Benhamou, D. Infraclavicular brachial plexus block versus humeral block in trauma patients: a comparison of patient comfort. <i>Anesthesia & Analgesia</i> . 2006;102(3):912-5. | Not intervention of interest |
| Minville, V., Zetlaoui, P. J., Fessenmeyer, C., Benhamou, D. Ultrasound guidance for difficult lateral popliteal catheter insertion in a patient with peripheral vascular disease. <i>Regional Anesthesia & Pain Medicine</i> . 2004;29(4):368-70. | Not intervention of interest |
| Mirzai, H., Tekin, I., Yaman, O., Bursali, A. The results of nucleoplasty in patients with lumbar herniated disc: a prospective clinical study of 52 consecutive patients. <i>Spine Journal: Official Journal of the North American Spine Society</i> . 2007;7(1):88-92; discussion 92-3. | Not intervention of interest |
| Mislovic, B. Multimodal analgesia including infraclavicular block in perioperative management of upper extremity amputation in neonate. <i>Paediatric Anaesthesia</i> . 2011;21(12):1272-3. | Not intervention of interest |
| Misra, U., Pridie, A. K., McClymont, C., Bower, S. Plasma concentrations of bupivacaine following combined sciatic and femoral 3 in 1 nerve blocks in open knee surgery. <i>British journal of anaesthesia</i> . 1991;66(3):310-313. | Not intervention of interest |

| Reference | Exclusion Reason |
|--|------------------------------|
| Mistraletti, G., De La Cuadra-Fontaine, J. C., Asenjo, F. J., Donatelli, F., Wykes, L., Schricker, T., Carli, F. Comparison of analgesic methods for total knee arthroplasty: metabolic effect of exogenous glucose. <i>Regional Anesthesia & Pain Medicine</i> . 2006;31(3):260-9. | Not intervention of interest |
| Mittal, R., Khetarpal, R., Malhotra, R., Kumar, R. The role of Tc-99m bone imaging in the management of pain after complicated total hip replacement. <i>Clinical Nuclear Medicine</i> . 1997;22(9):593-5. | Not intervention of interest |
| Miyakawa, T., Yoshimoto, M., Takebayashi, T., Yamashita, T. Case reports: Painful limbs/moving extremities: report of two cases. <i>Clinical Orthopaedics & Related Research</i> . 2010;468(12):3419-25. | Not intervention of interest |
| Moffett, J. A., Richardson, P. H., Frost, H., Osborn, A. A placebo controlled double blind trial to evaluate the effectiveness of pulsed short wave therapy for osteoarthritic hip and knee pain. <i>Pain</i> . 1996;67(1):121-7. | Not intervention of interest |
| Mollenhoff, G., Walz, M., Knopp, W., Muhr, G. Arthroscopic diagnosis of posttraumatic disorders of the wrist. <i>Archives of Orthopaedic & Trauma Surgery</i> . 1996;115(6):351-6. | Not intervention of interest |
| Mollmann, M., Auf der Landwehr, U. Treatment of pain in trauma patients with injuries of the upper limb. <i>Injury</i> . 2000;31 Suppl 1 :3-10. | Not intervention of interest |
| Molyneux, M., Venn, R., O'Dwyer, J. Localized abdominal pain following sympathetic blockade with bretylium for the management of complex regional pain syndrome. <i>European Journal of Anaesthesiology</i> . 2002;19(2):147-8. | Publication type |
| Monahan, A. M., Madison, S. J., Loland, V. J., Sztain, J. F., Bishop, M. L., Sandhu, N. S., Bellars, R. H., Khatibi, B., Schwartz, A. K., Ahmed, S. S., Donohue, M. C., Nomura, S. T., Wen, C. H., Ilfeld, B. M. Continuous Popliteal Sciatic Blocks: Does Varying Perineural Catheter Location Relative to the Sciatic Bifurcation Influence Block Effects? A Dual-Center, Randomized, Subject-Masked, Controlled Clinical Trial. <i>Anesthesia & Analgesia</i> . 2016;122(5):1689-95. | Not intervention of interest |
| Monahan, A. M., Sztain, J. F., Khatibi, B., Furnish, T. J., Jaeger, P., Sessler, D. I., Mascha, E. J., You, J., Wen, C. H., Nakanote, K. A., Ilfeld, B. M. Continuous Adductor Canal Blocks: Does Varying Local Anesthetic Delivery Method (Automatic Repeated Bolus Doses Versus Continuous Basal Infusion) Influence Cutaneous Analgesia and Quadriceps Femoris Strength? A Randomized, Double-Masked, Controlled, Split-Body Volunteer Study. <i>Anesthesia & Analgesia</i> . 2016;122(5):1681-8. | Not intervention of interest |
| Moneypenny, M. J., Mercer, S. J. Minimally invasive total knee arthroplasty. <i>New England Journal of Medicine</i> . 2009;361(6):633; author reply 634. | Not intervention of interest |

| Reference | Exclusion Reason |
|---|---|
| Monso, A., Santaliestra, J., Barbal, F., Fito, F., Riudeubas, J. [Sciatic nerve block at the popliteal fossa for foot surgery]. <i>Revista Espanola de Anestesiologia y Reanimacion</i> . 1996;43(1):27-9. | Not intervention of interest |
| Montes, F. R., Zarate, E., Grueso, R., Giraldo, J. C., Venegas, M. P., Gomez, A., Rincon, J. D., Hernandez, M., Cabrera, M. Comparison of spinal anesthesia with combined sciatic-femoral nerve block for outpatient knee arthroscopy. <i>Journal of Clinical Anesthesia</i> . 2008;20(6):415-20. | Not intervention of interest |
| Monzo, E., Baeza, C., Sanchez, M. L., Rolando, S., Gonzalez, A., Kim-Darov, V. [Continuous parascalene block for shoulder surgery]. <i>Revista Espanola de Anestesiologia y Reanimacion</i> . 1998;45(9):377-83. | Not intervention of interest |
| Moore, D. D., Maerz, T., Anderson, K. Shoulder surgeons' perceptions of interscalene nerve blocks and a review of complications rates in the literature. <i>Physician & Sportsmedicine</i> . 2013;41(3):77-84. | Not intervention of interest |
| Moore, D. M., O'Gara, A., Duggan, M. Continuous saphenous nerve block for total knee arthroplasty: when and how?. <i>Regional Anesthesia & Pain Medicine</i> . 2013;38(4):370-1. | Not intervention of interest |
| Moore, J. L., Rosen, R., Cohen, J., Rosen, B. Radiofrequency thermoneurolysis for the treatment of Morton's neuroma. <i>Journal of Foot & Ankle Surgery</i> . 2012;51(1):20-2. | Observational study of harms, excluded because no evidence for the intervention |
| Morales, G. X., Elayi, C. S., Reddy, V. Y. Extracardiac osteophytic deformation of the left atrium: an unusual anatomic finding during atrial fibrillation ablation. <i>Heart Rhythm</i> . 2011;8(8):1305. | Not intervention of interest |
| Moriceau, F., Geffard, B., Duflo, F. Levobupivacaine for continuous femoral nerve block in paediatric patients: A plasma concentration analysis report on safety. <i>Anaesthesia Critical Care & Pain Medicine</i> . 2015;34(3):183. | Not intervention of interest |
| Morin, A. M., Eberhart, L. H., Behnke, H. K., Wagner, S., Koch, T., Wolf, U., Nau, W., Kill, C., Geldner, G., Wulf, H. Does femoral nerve catheter placement with stimulating catheters improve effective placement? A randomized, controlled, and observer-blinded trial. <i>Anesthesia & Analgesia</i> . 2005;100(5):1503-10, table of contents. | Not intervention of interest |
| Morin, A. M., Kratz, C. D., Eberhart, L. H., Dinges, G., Heider, E., Schwarz, N., Eisenhardt, G., Geldner, G., Wulf, H. Postoperative analgesia and functional recovery after total-knee replacement: comparison of a continuous posterior lumbar plexus (psoas compartment) block, a continuous femoral nerve block, and the combination of a continuous femoral and sciatic nerve block. <i>Regional anesthesia and pain medicine</i> . 2005;30(5):434-445. | Not intervention of interest |
| Morin, A. M., Pandurovic, M., Eberhart, L. H., Wagner, S., Kunz, C., Nussle, W., Geiger, P., Mehrkens, H. H. [Is a blockade of the lateral cutaneous nerve of the thigh an alternative to the classical femoral nerve blockade for knee | Not intervention of interest |

| Reference | Exclusion Reason |
|---|----------------------------------|
| joint arthroscopy? A randomised controlled study]. <i>Anaesthetist</i> . 2005;54(10):991-9. | |
| Morris, G. F., Lang, S. A., Dust, W. N., Van der Wal, M. The parasacral sciatic nerve block. <i>Regional Anesthesia</i> . 1997;22(3):223-8. | Not intervention of interest |
| Morros Vinales, C., Perez Cuenca, M. D., Castillo Monsegur, J., Cedo Valloba, F. [Addition of fentanyl to mepivacaine in axillary brachial plexus block. Effects on the anesthetic and postoperative analgesic quality]. <i>Revista Espanola de Anestesiologia y Reanimacion</i> . 1991;38(2):87-9. | Not intervention of interest |
| Mosek, A., Rabey, J. M., Kushnir, M., Korczyn, A. D. Painful calf, moving foot. <i>Movement Disorders</i> . 1996;11(3):339-40. | Publication type |
| Moura, E. C., de Oliveira Honda, C. A., Bringel, R. C., Leal Pda, C., Filho Gde, J., Sakata, R. K. Minimum Effective Concentration of Bupivacaine in Ultrasound-Guided Femoral Nerve Block after Arthroscopic Knee Meniscectomy: A Randomized, Double-Blind, Controlled Trial. <i>Pain Physician</i> . 2016;19(1):E79-86. | Not intervention of interest |
| Movafegh, A., Nouralishahi, B., Sadeghi, M., Nabavian, O. An ultra-low dose of naloxone added to lidocaine or lidocaine-fentanyl mixture prolongs axillary brachial plexus blockade. <i>Anesthesia & Analgesia</i> . 2009;109(5):1679-83. | Not intervention of interest |
| Mowafi, H. A., Ismail, S. A. Melatonin improves tourniquet tolerance and enhances postoperative analgesia in patients receiving intravenous regional anesthesia. <i>Anesthesia & Analgesia</i> . 2008;107(4):1422-6. | Not intervention of interest |
| Muhly, W., Gurnaney, H., Hosalkar, H., Kraemer, F., Davidson, R., Ganesh, A. Continuous perineural infusion after lower extremity osteotomies in children: a feasibility and safety analysis. <i>British Journal of Anaesthesia</i> . 2013;110(5):851-2. | Not intervention of interest |
| Mulder, J. D. Denervation of the hip joint in osteoarthritis. <i>Journal of Bone & Joint Surgery - British Volume</i> . 1948;30B(3):446-8. | Full text could not be retrieved |
| Mulherin, D., Price, M. Efficacy of tibial nerve block, local steroid injection or both in the treatment of plantar heel pain syndrome. <i>Foot</i> . 2009;19(2):98-100. | Not intervention of interest |
| Mullin, V. Brachial plexus block with phenol for painful arm associated with Pancoast's syndrome. <i>Anesthesiology</i> . 1980;53(5):431-3. | Not intervention of interest |
| Muraco Neto, B., Wolosker, N., Kauffman, P., Aun, R., Kuzniek, S., Guimaraes, P. C., Langer, B. Ischemic rest pain of the lower extremities. Treatment with peripheral nerve crush. <i>Revista Paulista de Medicina</i> . 1993;111(2):359-62. | Full text could not be retrieved |
| Murata, Y., Kanaya, K., Wada, H., Wada, K., Shiba, M., Hatta, S., Kato, K., Kato, Y. Interscalene brachial plexus block for scapular and upper chest | Not intervention of interest |

| Reference | Exclusion Reason |
|---|------------------------------|
| pain due to cervical radiculopathy: a randomized controlled clinical trial. <i>Journal of Orthopaedic Science</i> . 2012;17(5):515-20. | |
| Murauski, J. D., Gonzalez, K. R. Peripheral nerve blocks for postoperative analgesia. <i>AORN Journal</i> . 2002;75(1):136-47; quiz 148-54. | Not intervention of interest |
| Murray, J. M., Derbyshire, S., Shields, M. O. Lower limb blocks. <i>Anaesthesia</i> . 2010;65 Suppl 1 :57-66. | Not intervention of interest |
| Mussurakis, S. Combined superficial peroneal and saphenous nerve block for ascending venography. <i>European Journal of Radiology</i> . 1992;14(1):56-9. | Not intervention of interest |
| Nader, A., Kendall, M. C., De Oliveira, G. S., Puri, L., Tureanu, L., Brodskiaia, A., Asher, Y., Parimi, V., McCarthy, R. J. A dose-ranging study of 0.5% bupivacaine or ropivacaine on the success and duration of the ultrasound-guided, nerve-stimulator-assisted sciatic nerve block: a double-blind, randomized clinical trial. <i>Regional anesthesia and pain medicine</i> . 2013;38(6):492-502. | Not intervention of interest |
| Nader, A., Kendall, M. C., Doty, R., Jr., DeLeon, A., Yaghmour, E., Kelikian, A. S., McCarthy, R. J. Nerve stimulator-guided supplemental popliteal sciatic nerve block after a failed sciatic block does not increase the incidence of transient postoperative neurologic sequelae. <i>Anesthesiology</i> . 2011;115(3):596-603. | Not intervention of interest |
| Nader, A., Kendall, M. C., Manning, D. W., Beal, M., Rahangdale, R., Dekker, R., De Oliveira, G. S., Jr., Kamenetsky, E., McCarthy, R. J. Single-Dose Adductor Canal Block With Local Infiltrative Analgesia Compared With Local Infiltrate Analgesia After Total Knee Arthroplasty: A Randomized, Double-Blind, Placebo-Controlled Trial. <i>Regional Anesthesia & Pain Medicine</i> . 2016;41(6):678-684. | Not intervention of interest |
| Naderi Nabi, B., Sediginegad, A., Haghghi, M., Mohamad Zadeh, A., Biazar, G., Khoshrang, H. A comparison of two treatment methods of radiofrequency & intra-peri articular ozone injection in the improvement of knee osteoarthritis. <i>Pain practice</i> . 2012;12 :157-8. | Publication type |
| Nagafuchi, M., Sato, T., Sakuma, T., Uematsu, A., Hayashi, H., Tanikawa, H., Okuma, K., Hashiuchi, A., Oshida, J., Morisaki, H. Femoral nerve block-sciatic nerve block vs. femoral nerve block-local infiltration analgesia for total knee arthroplasty: a randomized controlled trial. <i>BMC anesthesiology</i> . 2015;15(182): . | Not intervention of interest |
| Nagelli, C. V., Cook, J. L., Kuroki, K., Bozynski, C., Ma, R., Hewett, T. E. Does Anterior Cruciate Ligament Innervation Matter for Joint Function and Development of Osteoarthritis?. <i>The Journal of Knee Surgery</i> . 2017;30(4):364-371. | Not appropriate population |
| Nagi, S. S., Dunn, J. S., Birznieks, I., Vickery, R. M., Mahns, D. A. The effects of preferential A- and C-fibre blocks and T-type calcium channel | Not intervention of interest |

| Reference | Exclusion Reason |
|--|------------------------------|
| antagonist on detection of low-force monofilaments in healthy human participants. <i>BMC Neuroscience</i> . 2015;16 :52. | |
| Nagi, S. S., Mahns, D. A. Mechanical allodynia in human glabrous skin mediated by low-threshold cutaneous mechanoreceptors with unmyelinated fibres. <i>Experimental Brain Research</i> . 2013;231(2):139-51. | Not intervention of interest |
| Nahabedian, M. Y., Johnson, C. A. Operative management of neuromatous knee pain: patient selection and outcome. <i>Annals of Plastic Surgery</i> . 2001;46(1):15-22. | No outcome of interest |
| Nahabedian, M. Y., Mont, M. A., Hungerford, D. S. Selective denervation of the knee: experience, case reports, and technical notes. <i>American Journal of Knee Surgery</i> . 1998;11(3):175-80. | Observational study n < 10 |
| Nakamura, S. I., Takahashi, K., Takahashi, Y., Yamagata, M., Moriya, H. The afferent pathways of discogenic low-back pain. Evaluation of L2 spinal nerve infiltration. <i>Journal of Bone & Joint Surgery - British Volume</i> . 1996;78(4):606-12. | Not intervention of interest |
| Nakano, N. Lower lumbar anterior discectomy without fusion: a several year follow-up indicating usefulness of this technique in surgery of the lower lumbar spine--a report of one hundred ten cases. <i>Nippon Seikeigeka Gakkai Zasshi - Journal of the Japanese Orthopaedic Association</i> . 1983;57(3):321-8. | Not intervention of interest |
| Nam, Y. S., Jeong, J. J., Han, S. H., Park, S. E., Lee, S. M., Kwon, M. J., Ji, J. H., Kim, K. S. An anatomic and clinical study of the suprascapular and axillary nerve blocks for shoulder arthroscopy. <i>Journal of Shoulder & Elbow Surgery</i> . 2011;20(7):1061-8. | Not intervention of interest |
| Nan, Y., Yang, Q. Q., Li, X. W., Li, T., Li, J. [Application of ultrasound guidance for fascia iliaca compartment block in pediatric femoral surgery]. <i>Chung-Hua i Hsueh Tsa Chih [Chinese Medical Journal]</i> . 2017;97(4):300-302. | Not intervention of interest |
| Narang, S., Dali, J. S., Agarwal, M., Garg, R. Evaluation of the efficacy of magnesium sulphate as an adjuvant to lignocaine for intravenous regional anaesthesia for upper limb surgery. <i>Anaesthesia & Intensive Care</i> . 2008;36(6):840-4. | Not intervention of interest |
| Narchi, P. [Analgesia after surgery of the shoulder]. <i>Cahiers d Anesthesiologie</i> . 1995;43(6):579-81. | Not intervention of interest |
| Nath, R. K., Mackinnon, S. E., Stelnicki, E. Reflex sympathetic dystrophy. The controversy continues. <i>Clinics in Plastic Surgery</i> . 1996;23(3):435-46. | Publication type |
| Nath, S., Nath, C. A., Pettersson, K. Percutaneous lumbar zygapophysial (Facet) joint neurotomy using radiofrequency current, in the management | Not intervention of interest |

| Reference | Exclusion Reason |
|--|------------------------------|
| of chronic low back pain: a randomized double-blind trial. <i>Spine</i> . 2008;33(12):1291-7; discussion 1298. | |
| Nathan, P. W., Smith, M. C. Effects of two unilateral cordotomies on the motility of the lower limbs. <i>Brain</i> . 1973;96(3):471-94. | Not intervention of interest |
| Naux, E., Pham-Dang, C., Petitfaux, F., Bodin, J., Blanche, E., Hauet, P., Gouin, F., Pinaud, M. [Sciatic nerve block: an new lateral mediofemoral approach. The value of its combination with a "3 in 1" block for invasive surgery of the knee]. <i>Annales Francaises d Anesthesie et de Reanimation</i> . 2000;19(1):9-15. | Not intervention of interest |
| Nazarov, I. P., Antipov, A. A., Linev, K. A. [Peripheral nerve block as a component of anesthesia during operations on lower extremity vessels]. <i>Anesteziologiya i Reanimatologiya</i> . 2006; (4):53-5. | Not intervention of interest |
| NCT,. Genicular Radiofrequency Ablation Efficacy in Achieving Total Knee Pain Reduction Trial. https://clinicaltrials.gov/show/nct02947321 . 2016. | Publication type |
| NCT,. Radiofrequency For Chronic Knee Pain Post-Arthroplasty. https://clinicaltrials.gov/show/nct02931435 . 2016. | Publication type |
| NCT,. Nerve Ablation by Cooled Radiofrequency Compared to Corticosteroid Injection for Management of Knee Pain. https://clinicaltrials.gov/show/nct02343003 . 2015. | Publication type |
| NCT,. Diagnostic Genicular Nerve Block Prior to Radiofrequency Ablation for Knee Osteoarthritis Pain. https://clinicaltrials.gov/show/nct02578108 . 2015. | Publication type |
| NCT,. Does Radiofrequency Ablation of the Articular Nerves of the Knee Prior to Total Knee Replacement Improve Pain Outcomes. https://clinicaltrials.gov/show/nct02746874 . 2016. | Publication type |
| NCT,. ActiPatch Plantar Fasciitis Clinical Trial. https://clinicaltrials.gov/show/nct01431066 . 2011. | Publication type |
| NCT,. Impact of Noninvasive Targeted Pulsed Electromagnetic Field (tPEMF) on Opioid Use, Pain, and Joint Function Following Total Knee Arthroplasty. https://clinicaltrials.gov/show/nct01475604 . 2011. | Not intervention of interest |
| NCT,. Cooled Radiofrequency vs. Hyaluronic Acid to Manage Knee Pain. https://clinicaltrials.gov/show/nct03381248 . 2017. | Publication type |
| NCT,. A Controlled Comparison of Pulsed Radiofrequency Vs Physical Therapy on Treating Chronic Knee Osteoarthritis. https://clinicaltrials.gov/show/nct02294864 . 2014. | Publication type |
| NCT,. Genicular Nerve and Intra-articular Radiofrequency Versus Platelet Rich Plasma Injection for Knee Osteoarthritis. https://clinicaltrials.gov/show/nct03379883 . 2017. | Publication type |

| Reference | Exclusion Reason |
|--|------------------------------|
| NCT,. Efficacy of Cooled and Monopolar Radiofrequency Ablation of the Geniculate Nerves for the Treatment of Chronic Osteoarthritic Knee Pain. https://clinicaltrials.gov/show/nct02260869 . 2014. | Publication type |
| NCT,. Saphenous Nerve Radiofrequency for Knee Osteoarthritis Trial. https://clinicaltrials.gov/show/nct02826850 . 2016. | Publication type |
| NCT,. Effectiveness Study of the Ivivi SofPulse for Pain Amelioration in Adults With Mild to Moderate Knee Osteoarthritis. https://clinicaltrials.gov/show/nct01457742 . 2011. | Publication type |
| NCT,. Ultrasound-Guided Pulsed Radiofrequency In The Treatment Of Patients With Osteoarthritis Knee (USPRFGENOAK). https://clinicaltrials.gov/show/nct02915120 . 2016. | Not appropriate population |
| NCT,. The Effect of Therapeutic Methods for Chronic Knee Osteoarthritis Pain. https://clinicaltrials.gov/show/nct00924677 . 2009. | Publication type |
| NCT,. Steroid Versus Platelet Rich Plasma Injection for Chronic Low Back Pain. https://clinicaltrials.gov/show/nct02334475 . 2014. | Publication type |
| Neal, J. M., Brull, R., Chan, V. W., Grant, S. A., Horn, J. L., Liu, S. S., McCartney, C. J., Narouze, S. N., Perlas, A., Salinas, F. V., Sites, B. D., Tsui, B. C. The ASRA evidence-based medicine assessment of ultrasound-guided regional anesthesia and pain medicine: Executive summary. <i>Regional Anesthesia & Pain Medicine</i> . 2010;35(2 Suppl):S1-9. | Not intervention of interest |
| Neal, J. M., McDonald, S. B., Larkin, K. L., Polissar, N. L. Suprascapular nerve block prolongs analgesia after nonarthroscopic shoulder surgery but does not improve outcome. <i>Anesthesia & Analgesia</i> . 2003;96(4):982-6, table of contents. | Not intervention of interest |
| Needoff, M., Radford, P., Costigan, P. Local anesthesia for postoperative pain relief after foot surgery: a prospective clinical trial. <i>Foot & Ankle International</i> . 1995;16(1):11-3. | Not intervention of interest |
| Neill, R. S. Progressive systemic sclerosis. Prolonged sensory blockade following regional anaesthesia in association with a reduced response to systemic analgesics. <i>British Journal of Anaesthesia</i> . 1980;52(6):623-5. | Not intervention of interest |
| Neill, R. S. Ablation of the brachial plexus. Control of intractable pain, due to a pathological fracture of the humerus. <i>Anaesthesia</i> . 1979;34(10):1024-7. | Observational study n < 10 |
| Neimark, E. Z., Iaretskii, G. I., Lagoda, V. B., Bychkova lu, N. [Intravenous novocaine block in the treatment of vertebrogenic sclerotomic and myotomic pain]. <i>Zhurnal Nevropatologii i Psikiatrii Imeni S - S - Korsakova</i> . 1986;86(12):1787-90. | Not intervention of interest |

| Reference | Exclusion Reason |
|---|------------------------------|
| Nemecek, A. N., Avellino, A. M., Goodkin, R., Little, J., Kliot, M. Mapping dermatomes during selective dorsal rhizotomy: case report and review of the literature. <i>Surgical Neurology</i> . 2003;60(4):292-7; discussion 297. | Publication type |
| Nery, C., Raduan, F. C., Catena, F., Mann, T. S., de Andrade, M. A., Baumfeld, D. Plantar plate radiofrequency and Weil osteotomy for subtle metatarsophalangeal joint instability. <i>Journal of Orthopaedic Surgery</i> . 2015;10 :180. | Not intervention of interest |
| Nessler, R., Schwippel, U. [Continuous block of the lumbar plexus with the 3-in-1-block catheter technic in pain therapy]. <i>Regional Anaesthesia</i> . 1988;11(2):54-7. | Not intervention of interest |
| Neuburger, M., Buttner, J., Lang, D. [Urgent analgesia in a trauma patient]. <i>Anesthesiologie, Intensivmedizin, Notfallmedizin, Schmerztherapie</i> . 2007;42(6):422-5. | Not intervention of interest |
| Neuburger, M., Kaiser, H., Rembold-Schuster, I., Landes, H. [Vertical infraclavicular brachial-plexus blockade. A clinical study of reliability of a new method for plexus anesthesia of the upper extremity]. <i>Anaesthesist</i> . 1998;47(7):595-9. | Not intervention of interest |
| Neumann, H. W., Roth, N., Nebelung, W. [Extra-articular pathogenetic factors in arthritis and deformities in old age as exemplified by varus gonarthrosis]. <i>Orthopade</i> . 1994;23(1):32-7. | Not intervention of interest |
| Ng, F. Y., Ng, J. K., Chiu, K. Y., Yan, C. H., Chan, C. W. Multimodal periarticular injection vs continuous femoral nerve block after total knee arthroplasty: a prospective, crossover, randomized clinical trial. <i>Journal of Arthroplasty</i> . 2012;27(6):1234-8. | Not intervention of interest |
| Ng, K. P., Chow, Y. F. Brachial plexus block for ipsilateral shoulder pain after thoracotomy. <i>Anaesthesia & Intensive Care</i> . 1997;25(1):74-6. | Not intervention of interest |
| Ng, W. T. Drawbacks of endoscopic thoracic sympathectomy (Br J Surg 2004; 91: 264-269). <i>British Journal of Surgery</i> . 2004;91(8):1072-3. | Publication type |
| Niazi, A. U., El-Beheiry, H., Ramlogan, R., Graham, B., von Schroeder, H. P., Tumber, P. S. Continuous infraclavicular brachial plexus blockade: effect on survival of replanted digits. <i>Hand Surgery</i> . 2013;18(3):325-30. | Not intervention of interest |
| Nicholson, M. F., Roberts, F. W. Relief of pain by intrathecal injection of hypothermic saline. <i>Medical Journal of Australia</i> . 1968;1(2):61-2. | Not intervention of interest |
| Nicholson, M. L., Dennis, M. J., Hopkinson, B. R. Endoscopic transthoracic sympathectomy: successful in hyperhidrosis but can the indications be extended?. <i>Annals of the Royal College of Surgeons of England</i> . 1994;76(5):311-4. | Not intervention of interest |
| Nie, H. Y., Qi, Y. B., Li, N., Wang, S. L., Cao, Y. X. Comprehensive comparison of therapeutic efficacy of radiofrequency target disc decompression and | Not intervention of interest |

| Reference | Exclusion Reason |
|--|----------------------------------|
| nucleoplasty for lumbar disc herniation: a five year follow-up. <i>International Orthopaedics</i> . 2018;42(4):843-849. | |
| Niebauer, J. J., King, D. A consideration of the denervation operation for the relief of hip pain. <i>Stanford Medical Bulletin</i> . 1949;7(4):149-51. | Full text could not be retrieved |
| Nielsen, F. B., Olesen, A. S. [Guanethidine blockade for palliative treatment in reflex dystrophy]. <i>Ugeskrift for Laeger</i> . 1992;154(21):1500-2. | Not intervention of interest |
| Nielsen, J. S. A case of severe vascular insufficiency of the lower extremities treated by subarachnoid osmotic neurolysis. <i>Canadian Anaesthetists' Society Journal</i> . 1971;18(6):687-90. | Not appropriate population |
| Niemi, T. T., Salmela, L., Aromaa, U., Poyhia, R., Rosenberg, P. H. Single-injection brachial plexus anesthesia for arteriovenous fistula surgery of the forearm: a comparison of infraclavicular coracoid and axillary approach. <i>Regional Anesthesia & Pain Medicine</i> . 2007;32(1):55-9. | Not intervention of interest |
| Niemisto, Leena, Jousimaa, Jukkapekka, Hurri, Heikki, Kalso, Eija A., Malmivaara, Antti. Radiofrequency denervation for chronic neck pain. <i>Cochrane Database of Systematic Reviews</i> . 2010; (7): . | Not intervention of interest |
| Niemisto, Leena, Kalso, Eija A., Malmivaara, Antti, Seitsalo, Seppo, Hurri, Heikki. Radiofrequency denervation for neck and back pain. <i>Cochrane Database of Systematic Reviews</i> . 2009; (4): . | Not intervention of interest |
| Nisar, A., Morris, M. W., Freeman, J. V., Cort, J. M., Rayner, P. R., Shahane, S. A. Subacromial bursa block is an effective alternative to interscalene block for postoperative pain control after arthroscopic subacromial decompression: a randomized trial. <i>Journal of Shoulder & Elbow Surgery</i> . 2008;17(1):78-84. | Not intervention of interest |
| Norman, P. E., House, A. K. The early use of operative lumbar sympathectomy in peripheral vascular disease. <i>Journal of Cardiovascular Surgery</i> . 1988;29(6):717-22. | Not intervention of interest |
| North, R. B., Kidd, D. H., Zahurak, M., Piantadosi, S. Specificity of diagnostic nerve blocks: a prospective, randomized study of sciatica due to lumbosacral spine disease. <i>Pain</i> . 1996;65(1):77-85. | Not intervention of interest |
| Nosaka, K., Muthalib, M., Lavender, A., Laursen, P. B. Attenuation of muscle damage by preconditioning with muscle hyperthermia 1-day prior to eccentric exercise. <i>European Journal of Applied Physiology</i> . 2007;99(2):183-92. | Not intervention of interest |
| Noyan, A. On effects of ketamine to axillary block in hand surgery. <i>Journal of Reconstructive Microsurgery</i> . 2002;18(3):197. | Not intervention of interest |
| Nye, Z. B., Horn, J. L., Crittenden, W., Abrahams, M. S., Aziz, M. F. Ambulatory continuous posterior lumbar plexus blocks following hip | Not intervention of interest |

| Reference | Exclusion Reason |
|---|----------------------------------|
| arthroscopy: a review of 213 cases. <i>Journal of Clinical Anesthesia</i> . 2013;25(4):268-74. | |
| O'Brien, S. J., Ngeow, J., Gibney, M. A., Warren, R. F., Fealy, S. Reflex sympathetic dystrophy of the knee. Causes, diagnosis, and treatment. <i>American Journal of Sports Medicine</i> . 1995;23(6):655-9. | Not intervention of interest |
| O'Connell, J. E. Anterolateral chordotomy for intractable pain in carcinoma of the rectum. <i>Proceedings of the Royal Society of Medicine</i> . 1969;62(12):1223-5. | Not intervention of interest |
| O'Connor, B. L., Visco, D. M., Brandt, K. D., Albrecht, M., O'Connor, A. B. Sensory nerves only temporarily protect the unstable canine knee joint from osteoarthritis. Evidence that sensory nerves reprogram the central nervous system after cruciate ligament transection. <i>Arthritis & Rheumatism</i> . 1993;36(8):1154-63. | Not appropriate population |
| O'Connor, B. L., Visco, D. M., Brandt, K. D., Myers, S. L., Kalasinski, L. A. Neurogenic acceleration of osteoarthrosis. The effects of previous neurectomy of the articular nerves on the development of osteoarthrosis after transection of the anterior cruciate ligament in dogs. <i>Journal of Bone & Joint Surgery - American Volume</i> . 1992;74(3):367-76. | Not in English |
| O'Donnell, B., Riordan, J., Ahmad, I., Iohom, G. Brief reports: a clinical evaluation of block characteristics using one milliliter 2% lidocaine in ultrasound-guided axillary brachial plexus block. <i>Anesthesia & Analgesia</i> . 2010;111(3):808-10. | Not intervention of interest |
| Obletz, B. E. Relief of pain in osteo-arthritis of the hip by partial denervation of the hip joint. <i>Annals of the Rheumatic Diseases</i> . 1948;7(4):255. | Full text could not be retrieved |
| Obletz, B. E., Lockie, L. M., et al.,. Early effects of partial sensory denervation of the hip for relief of pain in chronic arthritis. <i>Journal of Bone & Joint Surgery - American Volume</i> . 1949;31A(4):805-14. | Full text could not be retrieved |
| Ogin, G. A. Pseudosciatica. <i>Anesthesia & Analgesia</i> . 1989;69(2):261. | Not intervention of interest |
| Ogunlade, S. O., Omololu, A. B., Alonge, T. O., Salawu, S. A., Bamgboye, E. A. Haematoma block in reduction of distal radial fractures. <i>West African Journal of Medicine</i> . 2002;21(4):282-5. | Not intervention of interest |
| Oh, D. S., Kang, T. H., Kim, H. J. Pulsed radiofrequency on radial nerve under ultrasound guidance for treatment of intractable lateral epicondylitis. <i>Journal of Anesthesia</i> . 2016;30(3):498-502. | Observational study n < 10 |
| Oh, J. H., Kim, W. S., Kim, J. Y., Gong, H. S., Rhee, K. Y. Continuous intralesional infusion combined with interscalene block was effective for postoperative analgesia after arthroscopic shoulder surgery. <i>Journal of Shoulder & Elbow Surgery</i> . 2007;16(3):295-9. | Not intervention of interest |

| Reference | Exclusion Reason |
|---|------------------------------|
| Oh, J. H., Rhee, K. Y., Kim, S. H., Lee, P. B., Lee, J. W., Lee, S. J. Comparison of analgesic efficacy between single interscalene block combined with a continuous intra-bursal infusion of ropivacaine and continuous interscalene block after arthroscopic rotator cuff repair. <i>Clinics in Orthopedic Surgery</i> . 2009;1(1):48-53. | Not intervention of interest |
| Ohno, K., Oshita, S. Transdiscal lumbar sympathetic block: a new technique for a chemical sympathectomy. <i>Anesthesia & Analgesia</i> . 1997;85(6):1312-6. | Not intervention of interest |
| Okasha, A. S., el-Attar, A. M., Soliman, H. L. Enhanced brachial plexus blockade. Effect of pain and muscular exercises on the efficiency of brachial plexus blockade. <i>Anaesthesia</i> . 1988;43(4):327-9. | Not intervention of interest |
| Okoroha, K. R., Lynch, J. R., Keller, R. A., Korona, J., Amato, C., Rill, B., Kolowich, P. A., Muh, S. J. Liposomal bupivacaine versus interscalene nerve block for pain control after shoulder arthroplasty: a prospective randomized trial. <i>Journal of Shoulder & Elbow Surgery</i> . 2016;25(11):1742-1748. | Not intervention of interest |
| Okuda, Y., Suzuki, K., Kitajima, T., Masuda, R., Asai, T. Lumbar epidural block for 'painful legs and moving toes' syndrome: a report of three cases. <i>Pain</i> . 1998;78(2):145-7. | Not appropriate study design |
| Olea, E., Fondarella, A., Sanchez, C., Iriarte, I., Almeida, M. V., Martinez de Salinas, A. [Ultrasound-guided peripheral nerve block at wrist level for the treatment of idiopathic palmar hyperhidrosis with botulinum toxin]. <i>Revista Espanola de Anestesiologia y Reanimacion</i> . 2013;60(10):571-5. | Not intervention of interest |
| Omar, A. M., Mansour, M. A., Kamal, A. S. Psoas compartment block for acute postoperative pain management after hip surgery in pediatrics: a comparative study with caudal analgesia. <i>Regional Anesthesia & Pain Medicine</i> . 2011;36(2):121-4. | Not intervention of interest |
| Omer, G. E., Jr. Present thoughts on the management of pain in the upper extremity. <i>Clinics in Plastic Surgery</i> . 1984;11(1):85-93. | Publication type |
| Omer, G. E., Jr. Management techniques for chronic pain of the upper extremity. <i>Bulletin of the Hospital for Joint Diseases Orthopaedic Institute</i> . 1984;44(2):381-405. | Publication type |
| Omer, G. E., Jr., Thomas, S. R. The management of chronic pain syndromes in the upper extremity. <i>Clinical Orthopaedics & Related Research</i> . 1974; (104):37-45. | Publication type |
| Orr, R. D., Thomas, S. A. Intradural migration of broken IDET catheter causing a radiculopathy. <i>Journal of Spinal Disorders & Techniques</i> . 2005;18(2):185-7. | Not intervention of interest |
| Osada, R., Zukawa, M., Seki, E., Kimura, T. Continuous peripheral nerve block in forearm for severe hand trauma. <i>Hand Surgery</i> . 2011;16(3):239-44. | Not intervention of interest |

| Reference | Exclusion Reason |
|---|------------------------------|
| Osawa, M., Takahama, Y., Kondo, Y. [Comparison of postoperative pain relief by continuous femoral nerve block and that by epidural block during physiotherapy after minimally invasive surgery of total knee arthroplasty and uni-condylar knee arthroplasty]. <i>Masui - Japanese Journal of Anesthesiology</i> . 2012;61(12):1316-23. | Not intervention of interest |
| Osman, A. M., El-Hammady, D. H., Kotb, M. M. Pulsed Compared to Thermal Radiofrequency to the Medial Calcaneal Nerve for Management of Chronic Refractory Plantar Fasciitis: A Prospective Comparative Study. <i>Pain Physician</i> . 2016;19(8):E1181-E1187. | No outcome of interest |
| Ota, J., Sakura, S., Hara, K., Saito, Y. Ultrasound-guided anterior approach to sciatic nerve block: a comparison with the posterior approach. <i>Anesthesia & Analgesia</i> . 2009;108(2):660-5. | Not intervention of interest |
| Otake, T., Ieshima, H., Ishida, H., Ushigome, Y., Saito, S. Bone atrophy in complex regional pain syndrome patients measured by microdensitometry. <i>Canadian Journal of Anaesthesia</i> . 1998;45(9):831-8. | Not intervention of interest |
| Otani, K., Kikuchi, S. [Low back pain and sciatica]. <i>Nippon Rinsho - Japanese Journal of Clinical Medicine</i> . 2001;59(9):1743-8. | Not intervention of interest |
| Oudenhoven, R. C. The role of laminectomy, facet rhizotomy, and epidural steroids. <i>Spine</i> . 1979;4(2):145-7. | Not intervention of interest |
| Ozan, F., Koyuncu, S., Gurbuz, K., Oncel, E. S., Altay, T. Radiofrequency Thermal Lesioning and Extracorporeal Shockwave Therapy: A Comparison of Two Methods in the Treatment of Plantar Fasciitis. <i>Foot & Ankle Specialist</i> . 2017;10(3):204-209. | Not intervention of interest |
| Ozkan, D., Gonen, E., Akkaya, T., Bakir, M. Popliteal block for lower limb surgery in children with cerebral palsy: effect on sevoflurane consumption and postoperative pain (a randomized, double-blinded, controlled trial). <i>Journal of Anesthesia</i> . 2017;31(3):358-364. | Not intervention of interest |
| Ozzeybek, D., Oztekin, S., Mavioglu, O., Karaege, G., Ozkardesler, S., Ozkan, M., Canyilmaz, M., Elar, Z. Comparison of the haemodynamic effects of interscalene block combined with general anaesthesia and interscalene block alone for shoulder surgery. <i>Journal of International Medical Research</i> . 2003;31(5):428-33. | Not intervention of interest |
| Paauwe, J. J., Thomassen, B. J., Weterings, J., van Rossum, E., Ausems, M. E. Femoral nerve block using ropivacaine 0.025%, 0.05% and 0.1%: effects on the rehabilitation programme following total knee arthroplasty: a pilot study. <i>Anaesthesia</i> . 2008;63(9):948-53. | Not intervention of interest |
| Paech, M. J. Analgesia after major lower limb joint surgery-now a matter of only peripheral interest?. <i>Anaesthesia & Intensive Care</i> . 2015;43(4):441-4. | Not intervention of interest |

| Reference | Exclusion Reason |
|---|------------------------------|
| Paganoni, S., Higgins, L. D., Isaac, Z. Osteoid osteoma of the spinoglenoid notch mimicking cervical radiculopathy. <i>Pm & R</i> . 2011;3(3):280-3. | Not intervention of interest |
| Page, Matthew J., Green, Sally,McBain, Brodwen,Surace, Stephen J., Deitch, Jessica,Lytle, Nicolette,Mrocki, Marshall A., Buchbinder, Rachelle. Manual therapy and exercise for rotator cuff disease. <i>Cochrane Database of Systematic Reviews</i> . 2016; (6): . | Not intervention of interest |
| Page, Matthew J., Green, Sally,Mrocki, Marshall A., Surace, Stephen J., Deitch, Jessica,McBain, Brodwen,Lytle, Nicolette,Buchbinder, Rachelle. Electrotherapy modalities for rotator cuff disease. <i>Cochrane Database of Systematic Reviews</i> . 2016; (6): . | Not intervention of interest |
| Palmer, J. B., Uematsu, S., Jankel, W. R., Arnold, W. P. A cellist with arm pain: thermal asymmetry in scalenus anticus syndrome. <i>Archives of Physical Medicine & Rehabilitation</i> . 1991;72(3):237-42. | Not intervention of interest |
| Pan, X. Thirty cases with hyperplastic knee arthritis treated with acupuncture, massage and microwave treatment. <i>Henan traditional chinese medicine [he nan zhong yi]</i> . 2015;35(6):1336-1337. | Not intervention of interest |
| Panov, V. M., Fesenko, U. A., Kutsyn, V. M. [Improvement of approach to performance of lumbar sympathetic blockade in patients with tissue ischemia of the lower extremities]. <i>Klinicheskaiia Khirurgiia</i> . 2014; (6):46-9. | Not intervention of interest |
| Papagelopoulos, P. J., Mavrogenis, A. F., Kyriakopoulos, C. K., Benetos, I. S., Kelekis, N. L., Andreou, J., Soucacos, P. N. Radiofrequency ablation of intra-articular osteoid osteoma of the hip. <i>Journal of International Medical Research</i> . 2006;34(5):537-44. | Not intervention of interest |
| Paqueron, X., Gentili, M. E. Assessing phantom limb sensations... and the library?. <i>Regional Anesthesia & Pain Medicine</i> . 2004;29(2):172-3; author reply 173-4. | Not intervention of interest |
| Paqueron, X., Gentili, M. E., Willer, J. C., Coriat, P., Riou, B. Time sequence of sensory changes after upper extremity block: swelling sensation is an early and accurate predictor of success. <i>Anesthesiology</i> . 2004;101(1):162-8. | Not intervention of interest |
| Paqueron, X., Narchi, P., Mazoit, J. X., Singelyn, F., Benichou, A., Macaire, P. A randomized, observer-blinded determination of the median effective volume of local anesthetic required to anesthetize the sciatic nerve in the popliteal fossa for stimulating and nonstimulating perineural catheters. <i>Regional anesthesia and pain medicine</i> . 2009;34(4):290-295. | Not intervention of interest |
| Paraskevas, K. I. Complex regional pain syndrome-a multifaceted disorder requiring multidimensional care: case study. <i>Journal of Pain</i> . 2008;9(1):95. | Publication type |
| Paraskevas, K. I., Trigka, A. A., Samara, M. Successful intravenous regional sympathetic blockade (Bier's Block) with guanethidine and lidocaine in a | Publication type |

| Reference | Exclusion Reason |
|--|---|
| patient with advanced Buerger's Disease (thromboangiitis obliterans)--a case report. <i>Angiology</i> . 2005;56(4):493-6. | |
| Park, J. Y., Bang, J. Y., Oh, K. S. Blind suprascapular and axillary nerve block for post-operative pain in arthroscopic rotator cuff surgery. <i>Knee Surgery, Sports Traumatology, Arthroscopy</i> . 2016;24(12):3877-3883. | Not intervention of interest |
| Park, S. Y., Nahm, F. S., Kim, Y. C., Lee, S. C., Sim, S. E., Lee, S. J. The cut-off rate of skin temperature change to confirm successful lumbar sympathetic block. <i>Journal of International Medical Research</i> . 2010;38(1):266-75. | Not intervention of interest |
| Parnell, B. A., Johnson, E. A., Zolnoun, D. A. Genitofemoral and perineal neuralgia after transobturator midurethral sling. <i>Obstetrics & Gynecology</i> . 2012;119(2 Pt 2):428-31. | Not intervention of interest |
| Parris, W. C., Kirshner, H. S. Motor paralysis of the lower extremities following lumbar sympathetic block. <i>Anesthesiology</i> . 1993;78(5):981-3. | Observational study n < 10 |
| Parziale, J. R., Hudgins, T. H., Fishman, L. M. The piriformis syndrome. <i>American Journal of Orthopedics (Chatham, Nj)</i> . 1996;25(12):819-23. | Not intervention of interest |
| Pashchuk, Alu,Shtutin, A. A. [Topographical and anatomic substantiation of sheath block of the brachial plexus]. <i>Ortopediia i Protezirovaniie</i> . 1990; (5):13-7. | Not intervention of interest |
| Paterson, K., Kuehne, J. Intrathecal morphine vs psoas compartment block for hip surgery. <i>Canadian Journal of Anaesthesia</i> . 2004;51(2):190; author reply 190-1. | Not intervention of interest |
| Pather, N., Singh, B., Partab, P., Ramsaroop, L., Satyapal, K. S. The anatomical rationale for an upper limb sympathetic blockade: preliminary report. <i>Surgical & Radiologic Anatomy</i> . 2004;26(3):178-81. | Not appropriate population |
| Patil, V., Arenas-Prat, J. Radical Wrist Denervation and Preliminary Results. <i>Techniques in Hand & Upper Extremity Surgery</i> . 2016;20(3):96-8. | Observational study of harms, excluded because no evidence for the intervention |
| Patman, R. D., Thompson, J. E., Persson, A. V. Management of post-traumatic pain syndromes: report of 113 cases. <i>Annals of Surgery</i> . 1973;177(6):780-7. | Not appropriate study design |
| Patru, S., Marcu, I. R., Matei, D., Bighea, A. C. Efficacy and safety of rumalaya forte to patients with hand osteoarthritis (HOA). <i>Annals of the rheumatic diseases</i> . 2015;74 : . | Not intervention of interest |
| Patt, R. B., Payne, R., Farhat, G. A., Reddy, S. K. Subarachnoid neurolytic block under general anesthesia in a 3-year-old with neuroblastoma. <i>Clinical Journal of Pain</i> . 1995;11(2):143-6. | Not intervention of interest |

| Reference | Exclusion Reason |
|---|------------------------------|
| Patterson, R. W., Li, Z., Smith, B. P., Smith, T. L., Koman, L. A. Complex regional pain syndrome of the upper extremity. <i>Journal of Hand Surgery - American Volume</i> . 2011;36(9):1553-62. | Publication type |
| Pavy, T. J., Doyle, D. L. Prevention of phantom limb pain by infusion of local anaesthetic into the sciatic nerve. <i>Anaesthesia & Intensive Care</i> . 1996;24(5):599-600. | Not intervention of interest |
| Pearce, C. J., Hamilton, P. D. Current concepts review: regional anesthesia for foot and ankle surgery. <i>Foot & Ankle International</i> . 2010;31(8):732-9. | Not intervention of interest |
| Pehora, C., Pearson, A. M., Kaushal, A., Crawford, M. W., Johnston, B. Dexamethasone as an adjuvant to peripheral nerve block. <i>Cochrane Database of Systematic Reviews</i> . 2017;11 :CD011770. | Not intervention of interest |
| Pekar, M., Mazur, M., Pekarova, A., Kozak, J., Foltys, A. [Lumbar sympathectomy literature review over the past 15 years]. <i>Rozhledy V Chirurgii</i> . 2016;95(3):101-6. | Not in English |
| Peng, P. W., Wiley, M. J., Liang, J., Bellingham, G. A. Ultrasound-guided suprascapular nerve block: a correlation with fluoroscopic and cadaveric findings. <i>Canadian Journal of Anaesthesia</i> . 2010;57(2):143-8. | Not intervention of interest |
| Pennekamp, P. H., Pless, V., Kraft, C. N., Stutz, A., Schmitt, O., Diedrich, O. [Effectiveness of interscalene plexus block for open subacromion decompression]. <i>Zeitschrift fur Orthopadie und Ihre Grenzgebiete</i> . 2004;142(5):598-602. | Not intervention of interest |
| Pennekamp, W., Krumova, E. K., Feigl, G. P., Frombach, E., Nicolas, V., Schwarzer, A., Maier, C. Permanent lesion of the lateral femoral cutaneous nerve after low-volume ethanol 96% application on the lumbar sympathetic chain. <i>Pain Physician</i> . 2013;16(4):391-7. | Publication type |
| Pepper, A. M., North, T. W., Sunderland, A. M., Davis, J. J. Intraoperative Adductor Canal Block for Augmentation of Periarticular Injection in Total Knee Arthroplasty: A Cadaveric Study. <i>Journal of Arthroplasty</i> . 2016;31(9):2072-6. | Not intervention of interest |
| Pere, P., Salonen, M., Jokinen, M., Rosenberg, P. H., Neuvonen, P. J., Haasio, J. Pharmacokinetics of ropivacaine in uremic and nonuremic patients after axillary brachial plexus block. <i>Anesthesia & Analgesia</i> . 2003;96(2):563-9, table of contents. | Not intervention of interest |
| Pereira, P., Severo, M., Monteiro, P., Silva, P. A., Rebelo, V., Castro-Lopes, J. M., Vaz, R. Results of Lumbar Endoscopic Adhesiolysis Using a Radiofrequency Catheter in Patients with Postoperative Fibrosis and Persistent or Recurrent Symptoms After Discectomy. <i>Pain Practice</i> . 2016;16(1):67-79. | Not intervention of interest |

| Reference | Exclusion Reason |
|---|----------------------------------|
| Persec, J., Persec, Z., Kopljar, M., Zupcic, M., Sakic, L., Zrinjscak, I. K., Marinic, D. K. Low-dose dexamethasone with levobupivacaine improves analgesia after supraclavicular brachial plexus blockade. <i>International Orthopaedics</i> . 2014;38(1):101-5. | Not intervention of interest |
| Pet, M. A., Ko, J. H., Friedly, J. L., Smith, D. G. Traction Neurectomy for Treatment of Painful Residual Limb Neuroma in Lower Extremity Amputees. <i>Journal of Orthopaedic Trauma</i> . 2015;29(9):e321-5. | No outcome of interest |
| Peters, C. L. CORR Insights: the Chitranjan Ranawat Award: Periarticular injections and femoral & sciatic blocks provide similar pain relief after TKA: a randomized clinical trial. <i>Clinical Orthopaedics & Related Research</i> . 2015;473(1):54-6. | Not intervention of interest |
| Petr, R., Benes, V. Antero-lateral chordotomy in cases of painful arthritis of the hip joint. <i>Acta Chirurgiae Orthopaedicae et Traumatologiae Cechoslovaca</i> . 1950;17(5):162-6. | Full text could not be retrieved |
| Petriccione di Vadi, P., Hamann, W. Continuous lumbar sympathetic block. <i>Clinical Journal of Pain</i> . 1991;7(3):230-1. | Not intervention of interest |
| Pfirrmann, C. W., Oberholzer, P. A., Zanetti, M., Boos, N., Trudell, D. J., Resnick, D., Hodler, J. Selective nerve root blocks for the treatment of sciatica: evaluation of injection site and effectiveness--a study with patients and cadavers. <i>Radiology</i> . 2001;221(3):704-11. | Not intervention of interest |
| Pham Dang, C., Gautheron, E., Guilley, J., Fernandez, M., Waast, D., Volteau, C., Nguyen, J. M., Pinaud, M. The value of adding sciatic block to continuous femoral block for analgesia after total knee replacement. <i>Regional anesthesia and pain medicine</i> . 2005;30(2):128-133. | Not intervention of interest |
| Pham-Dang, C., Gunst, J. P., Gouin, F., Poirier, P., Touchais, S., Meunier, J. F., Kick, O., Drouet, J. C., Bourreli, B., Pinaud, M. A novel supraclavicular approach to brachial plexus block. <i>Anesthesia & Analgesia</i> . 1997;85(1):111-6. | Not intervention of interest |
| Pham-Dang, C., Kick, O., Collet, T., Gouin, F., Pinaud, M. Continuous peripheral nerve blocks with stimulating catheters. <i>Regional Anesthesia & Pain Medicine</i> . 2003;28(2):83-8. | Not intervention of interest |
| Philip, C. N., Candido, K. D., Joseph, N. J., Crystal, G. J. Successful treatment of meralgia paresthetica with pulsed radiofrequency of the lateral femoral cutaneous nerve. <i>Pain Physician</i> . 2009;12(5):881-5. | Observational study n < 10 |
| Phillips, M. E., Katz, J. A., Harden, R. N. The use of nerve blocks in conjunction with occupational therapy for complex regional pain syndrome type I. <i>American Journal of Occupational Therapy</i> . 2000;54(5):544-9. | Not intervention of interest |

| Reference | Exclusion Reason |
|--|------------------------------|
| Pilny, J., Kubes, J. [Forefoot surgery under regional anesthesia]. <i>Acta Chirurgiae Orthopaedicae et Traumatologiae Cechoslovaca</i> . 2005;72(2):122-4. | Not intervention of interest |
| Pirbudak, L., Sevinc, A., Kervancioglu, S., Kervancioglu, P., Ates, D. Pulsed radiofrequency treatment of piriformis syndrome in a pregnant patient with malignant mesenchymal tumor. <i>Agri Dergisi</i> . 2016;28(4):194-198. | Publication type |
| Pitcher, G. M., Ritchie, J., Henry, J. L. Paw withdrawal threshold in the von Frey hair test is influenced by the surface on which the rat stands. <i>Journal of Neuroscience Methods</i> . 1999;87(2):185-93. | Not appropriate population |
| Pitkanen, M. T., Rosenberg, P. H., Pere, P. J., Tuominen, M. K., Seppala, T. A. Fentanyl-prilocaine mixture for intravenous regional anaesthesia in patients undergoing surgery. <i>Anaesthesia</i> . 1992;47(5):395-8. | Not intervention of interest |
| Pitombo, P. F., Meira Barros, R., Matos, M. A., Pinheiro Modolo, N. S. Selective suprascapular and axillary nerve block provides adequate analgesia and minimal motor block. Comparison with interscalene block. <i>Brazilian Journal of Anesthesiology</i> . 2013;63(1):45-51. | Not intervention of interest |
| Plante, T., Jr., Chaubard, M., Delbos, A. Unintentional transient sciatic nerve block after knee infiltration with local anesthetics. <i>Regional Anesthesia & Pain Medicine</i> . 2007;32(6):547-8. | Not intervention of interest |
| Poehling, G. G., Pollock, F. E., Jr., Koman, L. A. Reflex sympathetic dystrophy of the knee after sensory nerve injury. <i>Arthroscopy</i> . 1988;4(1):31-5. | Not intervention of interest |
| Ponce-Olivera, R. M., Tirado-Sanchez, A., Arellano-Mendoza, M. I., Leon-Dorantes, G., Kassian-Rank, S. Palmar hyperhidrosis. Safety efficacy of two anaesthetic techniques for botulinum toxin therapy. <i>Dermatology Online Journal</i> . 2006;12(2):9. | Not intervention of interest |
| Ponde, V. C. Continuous infraclavicular brachial plexus block: a modified technique to better secure catheter position in infants and children. <i>Anesthesia & Analgesia</i> . 2008;106(1):94-6, table of contents. | Not intervention of interest |
| Ponde, V., Shah, D., Johari, A. Confirmation of local anesthetic distribution by radio-opaque contrast spread after ultrasound guided infraclavicular catheters placed along the posterior cord in children: a prospective analysis. <i>Paediatric Anaesthesia</i> . 2015;25(3):253-7. | Not intervention of interest |
| Poplawski, Z. J., Wiley, A. M., Murray, J. F. Post-traumatic dystrophy of the extremities. <i>Journal of Bone & Joint Surgery - American Volume</i> . 1983;65(5):642-55. | Not intervention of interest |
| Popping, D. M., Elia, N., Marret, E., Wenk, M., Tramer, M. R. Clonidine as an adjuvant to local anesthetics for peripheral nerve and plexus blocks: a meta-analysis of randomized trials. <i>Anesthesiology</i> . 2009;111(2):406-15. | Not intervention of interest |

| Reference | Exclusion Reason |
|---|------------------------------|
| Porter, R. W., Hohmann, G. W., Bors, E., French, J. D. Cordotomy for pain following cauda equina injury. <i>Archives of Surgery</i> . 1966;92(5):765-70. | Not intervention of interest |
| Potter, M. Q., Sun, G. S., Fraser, J. A., Beckmann, J. T., Swenson, J. D., Maak, T. G., Aoki, S. K. Psychological distress in hip arthroscopy patients affects postoperative pain control. <i>Arthroscopy</i> . 2014;30(2):195-201. | Not intervention of interest |
| Pourtales, M. C., Kuntzmann, H., Bertrand, F., Pottecher, T., Gouzou, S., Liverneaux, P. Continuous at-home postoperative analgesia using a catheter in the case of hand surgery: preliminary study about 40 cases. <i>Chirurgie de la Main</i> . 2010;29(2):82-7. | Not intervention of interest |
| Povlsen, B. Denervation of wrists with rheumatoid arthritis. <i>Journal of Hand Surgery - American Volume</i> . 2008;33(8):1444-5; author reply 1445. | Publication type |
| Prasad, A., Perlas, A., Ramlogan, R., Brull, R., Chan, V. Ultrasound-guided popliteal block distal to sciatic nerve bifurcation shortens onset time: a prospective randomized double-blind study. <i>Regional Anesthesia & Pain Medicine</i> . 2010;35(3):267-71. | Not intervention of interest |
| Pratap, J. N., Shankar, R. K., Goroszeniuk, T. Co-injection of clonidine prolongs the anesthetic effect of lidocaine skin infiltration by a peripheral action. <i>Anesthesia & Analgesia</i> . 2007;104(4):982-3. | Not intervention of interest |
| Presta, M. V., Byram, S. W., Reis, C. L., Sniderman, M. Noninvasive removal of an entrapped supraclavicular catheter. <i>Journal of Clinical Anesthesia</i> . 2012;24(4):350-2. | Not intervention of interest |
| Price, D. High thoracic epidural plus suprascapular nerve block analgesia for thoracoscapular fusion. <i>Regional Anesthesia & Pain Medicine</i> . 2007;32(6):541-2. | Not intervention of interest |
| Price, D. J. What local anesthetic volume should be used for suprascapular nerve block?. <i>Regional Anesthesia & Pain Medicine</i> . 2008;33(6):571; author reply 571-3. | Not intervention of interest |
| Price, D. J. Comment on "minimum effective volume of local anesthetic for shoulder analgesia by ultrasound-guided block at root C7 with assessment of pulmonary function". <i>Regional Anesthesia & Pain Medicine</i> . 2011;36(3):311; author reply 311-2. | Not intervention of interest |
| Price, D. J. Axillary (circumflex) nerve block used in association with suprascapular nerve block for the control of pain following total shoulder joint replacement. <i>Regional Anesthesia & Pain Medicine</i> . 2008;33(3):280-1. | Not intervention of interest |
| Price, D. J. The shoulder block: a new alternative to interscalene brachial plexus blockade for the control of postoperative shoulder pain. <i>Anaesthesia & Intensive Care</i> . 2007;35(4):575-81. | Not intervention of interest |

| Reference | Exclusion Reason |
|---|----------------------------------|
| Procacci, P., Francini, F., Zoppi, M., Maresca, M. Cutaneous pain threshold changes after sympathetic block in reflex dystrophies. <i>Pain</i> . 1975;1(2):167-75. | Not intervention of interest |
| Protzman, N. M., Gyi, J., Malhotra, A. D., Kooch, J. E. Examining the feasibility of radiofrequency treatment for chronic knee pain after total knee arthroplasty. <i>Pm & R</i> . 2014;6(4):373-6. | Observational study n < 10 |
| Provenzano, D. A., Viscusi, E. R., Adams, S. B., Jr., Kerner, M. B., Torjman, M. C., Abidi, N. A. Safety and efficacy of the popliteal fossa nerve block when utilized for foot and ankle surgery. <i>Foot & Ankle International</i> . 2002;23(5):394-9. | Not intervention of interest |
| Prushansky, T., Pevzner, E., Gordon, C., Dvir, Z. Cervical radiofrequency neurotomy in patients with chronic whiplash: a study of multiple outcome measures. <i>Journal of Neurosurgery Spine</i> . 2006;4(5):365-73. | Not intervention of interest |
| Prusinkiewicz, C., Lang, S., Tsui, B. C. Lateral cervical epidural catheter placement using nerve stimulation for continuous unilateral upper extremity analgesia following a failed continuous peripheral nerve block. <i>Acta Anaesthesiologica Scandinavica</i> . 2005;49(4):579-82. | Not intervention of interest |
| Puehler, W., Zollner, C., Brack, A., Shaqura, M. A., Krause, H., Schafer, M., Stein, C. Rapid upregulation of mu opioid receptor mRNA in dorsal root ganglia in response to peripheral inflammation depends on neuronal conduction. <i>Neuroscience</i> . 2004;129(2):473-9. | Not intervention of interest |
| Pujol, E., Fauli, A., Anglada, M. T., Lopez, A., Pons, M., Fabregas, N. [Ultrasound-guided single dose injection of 0.5% levobupivacaine or 0.5% ropivacaine for a popliteal fossa nerve block in unilateral hallux valgus surgery]. <i>Revista Espanola de Anestesiologia y Reanimacion</i> . 2010;57(5):288-92. | Not intervention of interest |
| Pulavarti, R. S., Raut, V. V., McLauchlan, G. J. Patella denervation in primary total knee arthroplasty - a randomized controlled trial with 2 years of follow-up. <i>Journal of Arthroplasty</i> . 2014;29(5):977-81. | Not intervention of interest |
| Pusch, F., Freitag, H., Weinstabl, C., Obwegeser, R., Huber, E., Wildling, E. Single-injection paravertebral block compared to general anaesthesia in breast surgery. <i>Acta Anaesthesiologica Scandinavica</i> . 1999;43(7):770-4. | Not intervention of interest |
| Pybus, P. K. Treatment of pain in the burned hand. <i>South African Medical Journal. Suid-Afrikaanse Tydskrif Vir Geneeskunde</i> . 1982;62(14):468. | Full text could not be retrieved |
| Rabini, A., Piazzini, D. B., Tancredi, G., Foti, C., Milano, G., Ronconi, G., Specchia, A., Ferrara, P. E., Maggi, L., Amabile, E., Galli, M., Bernabei, R., Bertolini, C., Marzetti, E. Deep heating therapy via microwave diathermy relieves pain and improves physical function in patients with knee osteoarthritis: a double-blind randomized clinical trial. <i>European journal of physical & rehabilitation medicine</i> . 2012;48(4):549-59. | Not intervention of interest |

| Reference | Exclusion Reason |
|--|---|
| Rabson, M., Auday, J. H. Suprascapular nerve block for painful shoulder. <i>Journal of the Albert Einstein Medical Center, Philadelphia</i> . 1960;8 :39-42. | Not intervention of interest |
| Racz, H., Gunning, K., Della Santa, D., Forster, A. Evaluation of the effect of perineuronal morphine on the quality of postoperative analgesia after axillary plexus block: a randomized double-blind study. <i>Anesthesia & Analgesia</i> . 1991;72(6):769-72. | Not intervention of interest |
| Radu, C. A., Schachner, M., Trankle, M., Germann, G., Sauerbier, M. [Functional results after wrist denervation]. <i>Handchirurgie, Mikrochirurgie, Plastische Chirurgie</i> . 2010;42(5):279-86. | Not in English |
| Raeder, J. C., Drosdahl, S., Klaastad, O., Kvalsvik, O., Isaksen, B., Stromskag, K. E., Mowinckel, P., Bergheim, R., Selander, D. Axillary brachial plexus block with ropivacaine 7.5 mg/ml. A comparative study with bupivacaine 5 mg/ml. <i>Acta Anaesthesiologica Scandinavica</i> . 1999;43(8):794-8. | Not intervention of interest |
| Rahimzadeh, P., Imani, F., Faiz, S. H. R., Entezary, S. R., Nasiri, A. A., Ziaeefard, M. Investigation the efficacy of intra-articular prolotherapy with erythropoietin and dextrose and intra-articular pulsed radiofrequency on pain level reduction and range of motion improvement in primary osteoarthritis of knee. <i>Journal of research in medical sciences</i> . 2014;19(8):696-702. | Observational study of harms, excluded because no evidence for the intervention |
| Raith, C., Kolblinger, C., Walch, H. [Combined transgluteal ischial and femoral nerve block: retrospective data on 65 risk patients with leg amputation]. <i>Anaesthesist</i> . 2008;57(6):555-61. | Not intervention of interest |
| Rajeev, S., Batra, Y. K., Panda, N. B., Kumar, M., Nagi, O. N. Combined continuous "3-in-1" and sciatic nerve blocks provide improved postoperative analgesia with no correlation to catheter tip location after unilateral total knee arthroplasty. <i>Journal of arthroplasty</i> . 2007;22(8):1181-1186. | Not intervention of interest |
| Ram, D., Peretz, B. Reactions of children to maxillary infiltration and mandibular block injections. <i>Pediatric Dentistry</i> . 2001;23(4):343-6. | Not intervention of interest |
| Ramer, M. S., Bisby, M. A. Adrenergic innervation of rat sensory ganglia following proximal or distal painful sciatic neuropathy: distinct mechanisms revealed by anti-NGF treatment. <i>European Journal of Neuroscience</i> . 1999;11(3):837-46. | Not appropriate population |
| Rashbaum, R. F. Radiofrequency facet denervation. A treatment alternative in refractory low back pain with or without leg pain. <i>Orthopedic Clinics of North America</i> . 1983;14(3):569-75. | Not appropriate population |
| Rasmussen, S. B., Saied, N. N., Bowens, C., Jr., Mercaldo, N. D., Schildcrout, J. S., Malchow, R. J. Duration of upper and lower extremity peripheral nerve blockade is prolonged with dexamethasone when added to ropivacaine: a retrospective database analysis. <i>Pain Medicine</i> . 2013;14(8):1239-47. | Not intervention of interest |

| Reference | Exclusion Reason |
|---|------------------------------|
| Redborg, K. E., Sites, B. D., Chinn, C. D., Gallagher, J. D., Ball, P. A., Antonakakis, J. G., Beach, M. L. Ultrasound improves the success rate of a sural nerve block at the ankle. <i>Regional Anesthesia & Pain Medicine</i> . 2009;34(1):24-8. | Not intervention of interest |
| Reddy, G. D., Okhuysen-Cawley, R., Harsh, V., Viswanathan, A. Percutaneous CT-guided cordotomy for the treatment of pediatric cancer pain. <i>Journal of Neurosurgery. Pediatrics</i> . 2013;12(1):93-6. | Not intervention of interest |
| Reddy, M. B. Pneumocoele following psoas compartment block. <i>Anaesthesia</i> . 2002;57(9):938-9. | Not intervention of interest |
| Reddy, R. D., McCormick, Z. L., Marshall, B., Mattie, R., Walega, D. R. Cooled Radiofrequency Ablation of Genicular Nerves for Knee Osteoarthritis Pain: A Protocol for Patient Selection and Case Series. <i>Anesthesiology & Pain Medicine</i> . 2016;6(6):e39696. | Observational study n < 10 |
| Reddy, R. D., McCormick, Z. L., Marshall, B., Mattie, R., Walega, D. R. Cooled radiofrequency ablation of genicular nerves for knee osteoarthritis pain: a protocol for patient selection and case series. <i>Anesthesiology and pain medicine</i> . 2016;6(6): . | Observational study n < 10 |
| Rees, W. S. Multiple bilateral percutaneous rhizolysis. <i>Medical Journal of Australia</i> . 1975;1(17):536-7. | Not intervention of interest |
| Reinauer, S., Goerz, G., Holzle, E., Heusgen, F., Dinter, W., Tarnow, J., Ruzicka, T. [Distal edema and hyperhidrosis of the arm. Symptoms of reflex sympathetic dystrophy (Sudeck's disease)]. <i>Hautarzt</i> . 1994;45(10):696-701. | Not intervention of interest |
| Reinhardt, K. R., Duggal, S., Umunna, B. P., Reinhardt, G. A., Nam, D., Alexiades, M., Cornell, C. N. Intraarticular analgesia versus epidural plus femoral nerve block after TKA: a randomized, double-blind trial. <i>Clinical Orthopaedics & Related Research</i> . 2014;472(5):1400-8. | Not intervention of interest |
| Reinhart, D. J., Wang, W., Stagg, K. S., Walker, K. G., Bailey, P. L., Walker, E. B., Zaugg, S. E. Postoperative analgesia after peripheral nerve block for podiatric surgery: clinical efficacy and chemical stability of lidocaine alone versus lidocaine plus clonidine. <i>Anesthesia & Analgesia</i> . 1996;83(4):760-5. | Not intervention of interest |
| Reiss, W., Kurapati, S., Shariat, A., Hadzic, A. Nerve injury complicating ultrasound/electrostimulation-guided supraclavicular brachial plexus block. <i>Regional Anesthesia & Pain Medicine</i> . 2010;35(4):400-1. | Not intervention of interest |
| Remerand, F., Caillaud, J., Laulan, J., Palud, M., Baud, A., Couvret, C., Favard, L., Laffon, M., Bouakaz, A., Velut, S., Fuscuardi, J. [Tolerance and efficacy of peripheral nerve blocks for carpal tunnel release]. <i>Annales Francaises d Anesthesie et de Reanimation</i> . 2012;31(1):34-40. | Not intervention of interest |
| Ren, H. Y., Ding, Y. Q., Xiao, X., Xie, W. Z., Feng, Y. P., Li, X. Y., Qi, J. G. Behavioral characterization of neuropathic pain on the glabrous skin areas | Not intervention of interest |

| Reference | Exclusion Reason |
|--|------------------------------|
| reinnervated solely by axotomy-regenerative axons after adult rat sciatic nerve crush. <i>Neuroreport</i> . 2016;27(6):404-14. | |
| Ren, L., Peng, L., Qin, P., Min, S. [Effects of two analgesic regimens on the postoperative analgesia and knee functional recovery after unilateral total knee arthroplasty-a randomized controlled trial]. <i>Chung-Hua Wai Ko Tsa Chih [Chinese Journal of Surgery]</i> . 2015;53(7):522-7. | Not intervention of interest |
| Renes, S. H., van Geffen, G. J., Rettig, H. C., Gielen, M. J., Scheffer, G. J. Minimum effective volume of local anesthetic for shoulder analgesia by ultrasound-guided block at root C7 with assessment of pulmonary function. <i>Regional Anesthesia & Pain Medicine</i> . 2010;35(6):529-34. | Not intervention of interest |
| Renno, W. M., Al-Maghrebi, M., Al-Banaw, A. (-)-Epigallocatechin-3-gallate (EGCG) attenuates functional deficits and morphological alterations by diminishing apoptotic gene overexpression in skeletal muscles after sciatic nerve crush injury. <i>Naunyn-Schmiedeberg's Archives of Pharmacology</i> . 2012;385(8):807-22. | Not appropriate population |
| Reske, A. W., Reske, A. P., Meier, V., Wiegel, M. [Peripheral nerve blocks of the lower extremities. Clinical and practical aspects]. <i>Anaesthesist</i> . 2009;58(10):1055-70; quiz 1071. | Not intervention of interest |
| Reuben, S. S., Pristas, R., Dixon, D., Faruqi, S., Madabhushi, L., Wenner, S. The incidence of complex regional pain syndrome after fasciectomy for Dupuytren's contracture: a prospective observational study of four anesthetic techniques.[Retraction in Shafer SL. <i>Anesth Analg</i> . 2009 Apr;108(4):1350; PMID: 19299812]. <i>Anesthesia & Analgesia</i> . 2006;102(2):499-503. | Not intervention of interest |
| Reuben, S. S., Rosenthal, E. A., Steinberg, R. B. Surgery on the affected upper extremity of patients with a history of complex regional pain syndrome: a retrospective study of 100 patients. <i>Journal of Hand Surgery - American Volume</i> . 2000;25(6):1147-51. | Not intervention of interest |
| Reuben, S. S., Steinberg, R. B. Continuous shoulder analgesia via an indwelling axillary brachial plexus catheter. <i>Journal of Clinical Anesthesia</i> . 2000;12(6):472-5. | Not intervention of interest |
| Riad, W., Ahmed, N. Single injection peribulbar anesthesia with a short needle combined with digital compression. <i>Anesthesia & Analgesia</i> . 2008;107(5):1751-3. | Not intervention of interest |
| Riambau, V., Caserta, G., Garcia-Madrid, C. Thrombosis of a bifurcated endograft following lower-back microwave therapy. <i>Journal of Endovascular Therapy</i> . 2004;11(3):334-8. | Not intervention of interest |
| Riazi, S., Carmichael, N., Awad, I., Holtby, R. M., McCartney, C. J. Effect of local anaesthetic volume (20 vs 5 ml) on the efficacy and respiratory | Not intervention of interest |

| Reference | Exclusion Reason |
|--|---|
| consequences of ultrasound-guided interscalene brachial plexus block. <i>British Journal of Anaesthesia</i> . 2008;101(4):549-56. | |
| Ribbers, G. M., Geurts, A. C., Rijken, R. A., Kerckamp, H. E. Axillary brachial plexus blockade for the reflex sympathetic dystrophy syndrome. <i>International Journal of Rehabilitation Research</i> . 1997;20(4):371-80. | Not intervention of interest |
| Ricci, P., Wash, A. Pudendal nerve block by transgluteal way guided by computed tomography in a woman with refractory pudendal neuralgia expressed like chronic perineal and pelvic pain. <i>Archivos Espanoles de Urologia</i> . 2014;67(6):565-71. | Not intervention of interest |
| Riches, P. L., Elherik, F. K., Breusch, S. J. Functional and patient-reported outcome of partial wrist denervation versus the Mannerfelt wrist arthrodesis in the rheumatoid wrist. <i>Archives of Orthopaedic & Trauma Surgery</i> . 2014;134(7):1037-44. | Observational study of harms, excluded because no evidence for the intervention |
| Riches, P. L., Elherik, F. K., Dolan, S., Unglaub, F., Breusch, S. J. Patient rated outcomes study into the surgical interventions available for the rheumatoid hand and wrist. <i>Archives of Orthopaedic & Trauma Surgery</i> . 2016;136(4):563-70. | Not intervention of interest |
| Rieger, R., Pedevilla, S. Retroperitoneoscopic lumbar sympathectomy for the treatment of plantar hyperhidrosis: technique and preliminary findings. <i>Surgical Endoscopy</i> . 2007;21(1):129-35. | Not appropriate population |
| Rieger, R., Pedevilla, S., Lausecker, J. Quality of life after endoscopic lumbar sympathectomy for primary plantar hyperhidrosis. <i>World Journal of Surgery</i> . 2015;39(4):905-11. | Not intervention of interest |
| Risdall, J. E., Sharwood-Smith, G. H. Suprascapular nerve block. New indications and a safer technique. <i>Anaesthesia</i> . 1992;47(7):626. | Not intervention of interest |
| Ritchie, E. D., Tong, D., Chung, F., Norris, A. M., Miniaci, A., Vairavanathan, S. D. Suprascapular nerve block for postoperative pain relief in arthroscopic shoulder surgery: a new modality?. <i>Anesthesia & Analgesia</i> . 1997;84(6):1306-12. | Not intervention of interest |
| Rivera, F., Mariconda, C., Annaratone, G. Percutaneous radiofrequency denervation in patients with contraindications for total hip arthroplasty. <i>Orthopedics</i> . 2012;35(3):e302-5. | Observational study of harms, excluded because no evidence for the intervention |
| Rivera, J. J., Villecco, D. J., Dehner, B. K., Burkard, J. F., Osborne, L. A., Pellegrini, J. E. The efficacy of ketorolac as an adjunct to the Bier block for controlling postoperative pain following nontraumatic hand and wrist surgery. <i>AANA Journal</i> . 2008;76(5):341-5. | Not intervention of interest |
| Rizzo, M., Balderson, S. S., Harpole, D. H., Levin, L. S. Thoracoscopic sympathectomy in the management of vasomotor disturbances and | Outcome data cannot be abstracted |

| Reference | Exclusion Reason |
|---|------------------------------|
| complex regional pain syndrome of the hand. <i>Orthopedics</i> . 2004;27(1):49-52. | |
| Ro, L. S., Jacobs, J. M. The role of the saphenous nerve in experimental sciatic nerve mononeuropathy produced by loose ligatures: a behavioural study. <i>Pain</i> . 1993;52(3):359-69. | Not appropriate population |
| Roark, G. L. Suprascapular nerve block at the spinoglenoid notch. <i>Regional Anesthesia & Pain Medicine</i> . 2003;28(4):361-2. | Not intervention of interest |
| Robaina Padron, F. J. [Lumbar post-laminectomy syndrome I. Pain management using interventionist techniques]. <i>Neurocirugia (Asturias, Spain)</i> . 2007;18(6):468-77. | Publication type |
| Robards, C. B., Porter, S. B., Logvinov, I., Clendenen, S. R. Success of ultrasound guided popliteal sciatic nerve catheters is not influenced by nerve stimulation. <i>Middle East Journal of Anesthesiology</i> . 2013;22(2):179-83. | Not intervention of interest |
| Roberman, D., Arora, H., Sessler, D. I., Ritchey, M., You, J., Kumar, P. Combined versus sequential injection of mepivacaine and ropivacaine for supraclavicular nerve blocks. <i>Regional Anesthesia & Pain Medicine</i> . 2011;36(2):145-50. | Not intervention of interest |
| Rocco, A. G. Radiofrequency lumbar sympathectomy. The evolution of a technique for managing sympathetically maintained pain. <i>Regional Anesthesia</i> . 1995;20(1):3-12. | Not intervention of interest |
| Rocks, J. A. Intrinsic shoulder pain syndrome: rationale for heating and cooling in treatment. <i>Physical Therapy</i> . 1979;59(2):153-9. | Not intervention of interest |
| Rodriguez, J., Barcena, M., Taboada-Muniz, M., Lagunilla, J., Alvarez, J. A comparison of single versus multiple injections on the extent of anesthesia with coracoid infraclavicular brachial plexus block. <i>Anesthesia & Analgesia</i> . 2004;99(4):1225-30, table of contents. | Not intervention of interest |
| Rodriguez, J., Taboada, M., Valino, C., Barcena, M., Alvarez, J. A comparison of stimulation patterns in axillary block: part 2. <i>Regional Anesthesia & Pain Medicine</i> . 2006;31(3):202-5. | Not intervention of interest |
| Rogers, W. D., Watson, H. K. Degenerative arthritis at the triscape joint. <i>Journal of Hand Surgery - American Volume</i> . 1990;15(2):232-5. | Not intervention of interest |
| Rogers, W. K., Jacobs, R., Donnelly, M. J. Retained stimulating perineural catheter placed with hydrodissection but without nerve stimulation. <i>Canadian Journal of Anaesthesia</i> . 2012;59(10):997-8. | Not intervention of interest |
| Rohm, A., Mentzel, M., Scholl, H., Apic, G., Gebhard, F., Gulke, J. [Midterm results following denervation of the ankle]. <i>Unfallchirurg</i> . 2015;118(7):615-20. | Not in English |

| Reference | Exclusion Reason |
|--|---|
| Rojhani, S., Qureshi, Z., Chhatre, A. Water-Cooled Radiofrequency Provides Pain Relief, Decreases Disability, and Improves Quality of Life in Chronic Knee Osteoarthritis. <i>American Journal of Physical Medicine & Rehabilitation</i> . 2017;96(1):e5-e8. | Observational study n < 10 |
| Romanoff, M. E., Cory, P. C., Jr., Kalenak, A., Keyser, G. C., Marshall, W. K. Saphenous nerve entrapment at the adductor canal. <i>American Journal of Sports Medicine</i> . 1989;17(4):478-81. | Not intervention of interest |
| Rongstad, K., Mann, R. A., Prieskorn, D., Nichelson, S., Horton, G. Popliteal sciatic nerve block for postoperative analgesia. <i>Foot & Ankle International</i> . 1996;17(7):378-82. | Not intervention of interest |
| Rose, B., Kunasingam, K., Barton, T., Walsh, J., Fogarty, K., Wines, A. A Randomized Controlled Trial Assessing the Effect of a Continuous Subcutaneous Infusion of Local Anesthetic Following Elective Surgery to the Great Toe. <i>Foot & Ankle Specialist</i> . 2017;10(2):116-124. | Not intervention of interest |
| Rose, D. L., Kelly, C. R. Shoulder pain. Suprascapular nerve block in shoulder pain. <i>Journal of the Kansas Medical Society</i> . 1969;70(3):135-6. | Not intervention of interest |
| Rose, N. E., Forman, S. K., Dellon, A. L. Denervation of the lateral humeral epicondyle for treatment of chronic lateral epicondylitis. <i>Journal of Hand Surgery - American Volume</i> . 2013;38(2):344-9. | Observational study of harms, excluded because no evidence for the intervention |
| Rose, S. S. Lumbar sympathectomy. <i>Acta Chirurgica Belgica</i> . 1977;76(1):123-6. | Not intervention of interest |
| Rosenblatt, R. M. Continuous femoral anesthesia for lower extremity surgery. <i>Anesthesia & Analgesia</i> . 1980;59(8):631-2. | Not intervention of interest |
| Rosenthal, D. I., Springfield, D. S., Gebhardt, M. C., Rosenberg, A. E., Mankin, H. J. Osteoid osteoma: percutaneous radio-frequency ablation. <i>Radiology</i> . 1995;197(2):451-4. | No outcome of interest |
| Rostlund, T., Somnier, F., Axelsson, R. Denervation of the wrist joint--an alternative in conditions of chronic pain. <i>Acta Orthopaedica Scandinavica</i> . 1980;51(4):609-16. | Observational study n < 10 |
| Rothe, C., Lund, J., Jenstrup, M. T., Lundstrom, L. H., Lange, K. H. Ultrasound-guided block of the axillary nerve: a case series of potential clinical applications. <i>Acta Anaesthesiologica Scandinavica</i> . 2012;56(7):926-30. | Not intervention of interest |
| Rothe, M., Rudolf, K. D., Partecke, B. D. [Long-term results following denervation of the wrist in patients with stages II and III SLAC-/SNAC-wrist]. <i>Handchirurgie, Mikrochirurgie, Plastische Chirurgie</i> . 2006;38(4):261-6. | Not in English |
| Roubal, P. J., Dobritt, D., Placzek, J. D. Glenohumeral gliding manipulation following interscalene brachial plexus block in patients with adhesive | Not intervention of interest |

| Reference | Exclusion Reason |
|---|------------------------------|
| capsulitis. <i>Journal of Orthopaedic & Sports Physical Therapy</i> . 1996;24(2):66-77. | |
| Roubal, P. J., Placzek, J. Translational manipulation after failed arthroscopic capsular release for recalcitrant adhesive capsulitis: a case report. <i>Journal of Manipulative & Physiological Therapeutics</i> . 2008;31(8):632-6. | Not intervention of interest |
| Roulet, S., Nouette-Gaulain, K., Biais, M., Bernard, N., Benard, A., Revel, P., Capdevila, X., Sztark, F. Preoperative opioid consumption increases morphine requirement after leg amputation. <i>Canadian Journal of Anaesthesia</i> . 2009;56(12):908-13. | Not intervention of interest |
| Rowlandson, R. Results of treatment of pain down the arm associated with lung tumours. <i>British Journal of Diseases of the Chest</i> . 1968;62(3):135-8. | Not intervention of interest |
| Roy, M., Nadeau, M. J., Cote, D., Levesque, S., Dion, N., Nicole, P. C., Turgeon, A. F. Comparison of a single- or double-injection technique for ultrasound-guided supraclavicular block: a prospective, randomized, blinded controlled study. <i>Regional Anesthesia & Pain Medicine</i> . 2012;37(1):55-9. | Not intervention of interest |
| Rucci, F. S., Pippa, P., Boccaccini, A., Barbagli, R. Effect of injection speed on anaesthetic spread during axillary block using the orthogonal two-needle technique. <i>European Journal of Anaesthesiology</i> . 1995;12(5):505-11. | Not intervention of interest |
| Ruiz-Suarez, M., Barber, F. A. Postoperative pain control after shoulder arthroscopy. <i>Orthopedics</i> . 2008;31(11):1130. | Not intervention of interest |
| Rukewe, A., Adeoye, II, Sule, U. M., Fatiregun, A. Interscalene block for shoulder surgery. <i>Annals of African Medicine</i> . 2011;10(2):185-7. | Not intervention of interest |
| Runge, C., Borglum, J., Jensen, J. M., Kobborg, T., Pedersen, A., Sandberg, J., Mikkelsen, L. R., Vase, M., Bendtsen, T. F. The Analgesic Effect of Obturator Nerve Block Added to a Femoral Triangle Block After Total Knee Arthroplasty: A Randomized Controlled Trial. <i>Regional Anesthesia & Pain Medicine</i> . 2016;41(4):445-51. | Not intervention of interest |
| Russon, K., Sardesai, A. M., Ridgway, S., Whitear, J., Sildown, D., Boswell, S., Chakrabarti, A., Denny, N. M. Postoperative shoulder surgery initiative (POSSI): an interim report of major shoulder surgery as a day case procedure. <i>British Journal of Anaesthesia</i> . 2006;97(6):869-73. | Not intervention of interest |
| Ryan, J. J., Hoopes, J. E., Jabaley, M. E. Drug injection injuries of the hands and forearms in addicts. <i>Plastic & Reconstructive Surgery</i> . 1974;53(4):445-51. | Not intervention of interest |
| Safa, B., Gollish, J., Haslam, L., McCartney, C. J. Comparing the effects of single shot sciatic nerve block versus posterior capsule local anesthetic infiltration on analgesia and functional outcome after total knee | Not intervention of interest |

| Reference | Exclusion Reason |
|--|------------------------------|
| arthroplasty: a prospective, randomized, double-blinded, controlled trial. <i>Journal of arthroplasty</i> . 2014;29(6):1149-1153. | |
| Sagir, O., Ozaslan, S., Meric, Y., Arslan, I., Koroglu, A. [Neuropathic pain due to herpes zoster infection with atypical localization]. <i>Agri Dergisi</i> . 2013;25(4):179-82. | Not intervention of interest |
| Saha, S., Brish, E. L., Lowry, A. M., Boddu, K. In select patients, ipsilateral post-thoracotomy shoulder pain relieved by suprascapular nerve block. <i>American Journal of Therapeutics</i> . 2011;18(4):309-12. | Not intervention of interest |
| Sahin, L., Gurkan, Y. "Figure of four" position and long-axis sciatic nerve scan with ultrasound facilitates sciatic perineural catheter placement. <i>Agri Dergisi</i> . 2010;22(4):175-7. | Not intervention of interest |
| Saito, J., Ohtori, S., Kishida, S., Nakamura, J., Takeshita, M., Shigemura, T., Takazawa, M., Eguchi, Y., Inoue, G., Orita, S., Takaso, M., Ochiai, N., Kuniyoshi, K., Aoki, Y., Ishikawa, T., Arai, G., Miyagi, M., Kamoda, H., Suzuki, M., Sakuma, Y., Oikawa, Y., Kubota, G., Inage, K., Sainoh, T., Yamauchi, K., Toyone, T., Takahashi, K. Difficulty of diagnosing the origin of lower leg pain in patients with both lumbar spinal stenosis and hip joint osteoarthritis. <i>Spine</i> . 2012;37(25):2089-93. | Not intervention of interest |
| Saito, T., Sasanuma, H., Iijima, Y., Kanaya, Y., Saito, T., Watanabe, H., Kikkawa, I., Takeshita, K. Short-term clinical results of frozen shoulder treated with shoulder manipulation under ultrasound-guided cervical nerve root block at outpatient setting: A case series. <i>Journal of Orthopaedic Science</i> . 2017;22(2):275-280. | Not intervention of interest |
| Sakai, N., Inoue, T., Kunugiza, Y., Tomita, T., Mashimo, T. Continuous femoral versus epidural block for attainment of 120degree knee flexion after total knee arthroplasty: a randomized controlled trial. <i>Journal of Arthroplasty</i> . 2013;28(5):807-14. | Not intervention of interest |
| Sala-Blanch, X., Lopez, A. M., Pomes, J., Valls-Sole, J., Garcia, A. I., Hadzic, A. No clinical or electrophysiologic evidence of nerve injury after intraneural injection during sciatic popliteal block. <i>Anesthesiology</i> . 2011;115(3):589-95. | Not intervention of interest |
| Salazar, C. H., Espinosa, W. Infraclavicular brachial plexus block: variation in approach and results in 360 cases. <i>Regional Anesthesia & Pain Medicine</i> . 1999;24(5):411-6. | Not intervention of interest |
| Saleh, D., Nikkah, D., Bhat, W., Hopkins, P. A retrospective survey of brachial plexus blockade in pediatric hand trauma patients. <i>Paediatric Anaesthesia</i> . 2011;21(11):1166-8. | Not intervention of interest |
| Sallick, M. A., Blum, L. Sensory denervation of the heel for persistent pain following fractures of the calcaneus. <i>Journal of Bone & Joint Surgery - American Volume</i> . 1948;30A(1):209-12. | Observational study n < 10 |

| Reference | Exclusion Reason |
|---|------------------------------|
| Salmela, L., Aromaa, U. Transient radicular irritation after spinal anesthesia induced with hyperbaric solutions of cerebrospinal fluid-diluted lidocaine 50 mg/ml or mepivacaine 40 mg/ml or bupivacaine 5 mg/ml. <i>Acta Anaesthesiologica Scandinavica</i> . 1998;42(7):765-9. | Not intervention of interest |
| Salo, P. T., Hogervorst, T., Seerattan, R. A., Rucker, D., Bray, R. C. Selective joint denervation promotes knee osteoarthritis in the aging rat. <i>Journal of Orthopaedic Research</i> . 2002;20(6):1256-64. | Not appropriate population |
| Salonen, M. H., Haasio, J., Bachmann, M., Xu, M., Rosenberg, P. H. Evaluation of efficacy and plasma concentrations of ropivacaine in continuous axillary brachial plexus block: high dose for surgical anesthesia and low dose for postoperative analgesia. <i>Regional Anesthesia & Pain Medicine</i> . 2000;25(1):47-51. | Not intervention of interest |
| Saludes, J., Masip, R., Sala, P., Gomez, E., Rull, M. [Pain in the lower extremities after subarachnoid block with lidocaine]. <i>Revista Espanola de Anestesiologia y Reanimacion</i> . 1996;43(9):330-2. | Not intervention of interest |
| Salvioli, S., Guidi, M., Marcotulli, G. The effectiveness of conservative, non-pharmacological treatment, of plantar heel pain: A systematic review with meta-analysis. <i>Foot (Edinb)</i> . 2017;33 :57-67. | Not intervention of interest |
| Salvioli, S., Guidi, M., Marcotulli, G. The effectiveness of conservative, non-pharmacological treatment, of plantar heel pain: A systematic review with meta-analysis. <i>Foot</i> . 2017;33 :57-67. | Not intervention of interest |
| Salviz, E. A., Gurkan, Y., Tekin, M., Buluc, L. Ultrasound-guided psoas compartment block and general anesthesia for arthroscopic knee surgery: a case report. <i>Agri Dergisi</i> . 2014;26(1):34-8. | Not intervention of interest |
| Salviz, E. A., Xu, D., Frulla, A., Kwofie, K., Shastri, U., Chen, J., Shariat, A. N., Littwin, S., Lin, E., Choi, J., Hobeika, P., Hadzic, A. Continuous interscalene block in patients having outpatient rotator cuff repair surgery: a prospective randomized trial. <i>Anesthesia & Analgesia</i> . 2013;117(6):1485-92. | Not intervention of interest |
| Samson, D., Minville, V., Chassery, C., Nguyen, L., Pianezza, A., Fourcade, O., Rabinowitz, A., Samii, K. Eutectic mixture of local anesthetic (EMLA) decreases pain during humeral block placement in nonsedated patients. <i>Anesthesia & Analgesia</i> . 2007;105(2):512-5. | Not intervention of interest |
| Samuel, R., Sloan, A., Patel, K., Aglan, M., Zubairy, A. The efficacy of combined popliteal and ankle blocks in forefoot surgery. <i>Journal of Bone & Joint Surgery - American Volume</i> . 2008;90(7):1443-6. | Not intervention of interest |
| Samuelsson, H., Claes, G., Drott, C. Endoscopic electrocautery of the upper thoracic sympathetic chain: a safe and simple technique for treatment of sympathetically maintained pain. <i>European Journal of Surgery, Acta Chirurgica, Supplement</i> . 1994; (572):55-7. | Observational study n < 10 |

| Reference | Exclusion Reason |
|---|-----------------------------------|
| Sandefo, I., Iohom, G., Van Elstraete, A., Lebrun, T., Polin, B. Clinical efficacy of the brachial plexus block via the posterior approach. <i>Regional Anesthesia & Pain Medicine</i> . 2005;30(3):238-42. | Not intervention of interest |
| Sander, S. Surgical Relief of Hip Joint Pain. <i>Geriatrics</i> . 1964;19 :286-9. | No outcome of interest |
| Sander, S. V. [Partial denervation in complex treatment of occlusive diseases of the lower extremity arteries]. <i>Klinicheskaia Khirurgiia</i> . 2011; (3):45-8. | Not in English |
| Sander, S., Hall, K. V. Denervation of the hip joint, A follow-up study of 51 patients operated after a modified Tavernier method. <i>Acta Chirurgica Scandinavica</i> . 1962;124 :106-13. | Full text could not be retrieved |
| Sanders, R. J., Rao, N. M. Pectoralis minor obstruction of the axillary vein: report of six patients. <i>Journal of Vascular Surgery</i> . 2007;45(6):1206-11. | Not intervention of interest |
| Sangwan, S. S., Mittal, R., Kundu, Z. S., Siwach, R. C., Aggarwal, S., Garg, R. K. Prolapsed intervertebral disc with sciatica: the role of common peroneal nerve block. <i>Tropical Doctor</i> . 2005;35(3):172-4. | Not intervention of interest |
| Santana Pineda, M. M., Vanlinthout, L. E., Moreno Martin, A., van Zundert, J., Rodriguez Huertas, F., Novalbos Ruiz, J. P. Analgesic Effect and Functional Improvement Caused by Radiofrequency Treatment of Genicular Nerves in Patients With Advanced Osteoarthritis of the Knee Until 1 Year Following Treatment. <i>Regional Anesthesia & Pain Medicine</i> . 2017;42(1):62-68. | Outcome data cannot be abstracted |
| Santiveri Papiol, X., Castillo Monsegur, J., Bisbe Vives, E., Gines Cespedosa, A., Bartrons Vilarnau, R., Montes Perez, A., Escolano Villen, F. Epidural analgesia versus femoral or femoral-sciatic nerve block after total knee replacement: comparison of efficacy and safety. <i>Revista espanola de anestesiologia y reanimacion</i> . 2009;56(1):16-20. | Not intervention of interest |
| Saporito, A., Sturini, E., Petri, J., Borgeat, A., Aguirre, J. A. Case report: unusual complication during outpatient continuous regional popliteal analgesia. <i>Canadian Journal of Anaesthesia</i> . 2012;59(10):958-62. | Not intervention of interest |
| Sardesai, A. M., Chakrabarti, A. J., Denny, N. M. Lower lobe collapse during continuous interscalene brachial plexus local anesthesia at home. <i>Regional Anesthesia & Pain Medicine</i> . 2004;29(1):65-8. | Not intervention of interest |
| Sari, S., Ozlulerden, P., Aydin, O., Efe, U., Kurt, I. Intra-articular injections versus radiofrequency genicular neurotomy in painful knee. <i>Regional anesthesia and pain medicine</i> . 2015;40(5 SUPPL. 1):e81. | Publication type |
| Sato, J., Takanari, K., Omura, S., Mizumura, K. Effects of lowering barometric pressure on guarding behavior, heart rate and blood pressure in a rat model of neuropathic pain. <i>Neuroscience Letters</i> . 2001;299(1-2):17-20. | Not appropriate population |

| Reference | Exclusion Reason |
|---|------------------------------|
| Sato, K., Adachi, T., Shirai, N., Naoi, N. Continuous versus single-injection sciatic nerve block added to continuous femoral nerve block for analgesia after total knee arthroplasty: a prospective, randomized, double-blind study. <i>Regional anesthesia and pain medicine</i> . 2014;39(3):225-229. | Not intervention of interest |
| Sato, S., Okubo, N., Fukuda, T., Takahashi, H., Naito, H. Arteriovenous differences of blood alcohol concentrations after celiac plexus block. <i>Clinical Pharmacology & Therapeutics</i> . 1992;52(3):249-51. | Not intervention of interest |
| Sauter, A., Breivik, H. Subacute pain after total knee arthroplasty. <i>Journal of Pain & Palliative Care Pharmacotherapy</i> . 2014;28(2):164-5; discussion 165-6. | Not intervention of interest |
| Savastano, A. A. The modified hanging hip operation in hypertrophic arthritis of the hip joint. <i>International Surgery</i> . 1968;49(3):231-40. | Not intervention of interest |
| Sawhney, M., Mehdiian, H., Kashin, B., Ip, G., Bent, M., Choy, J., McPherson, M., Bowry, R. Pain After Unilateral Total Knee Arthroplasty: A Prospective Randomized Controlled Trial Examining the Analgesic Effectiveness of a Combined Adductor Canal Peripheral Nerve Block with Periarticular Infiltration Versus Adductor Canal Nerve Block Alone Versus Periarticular Infiltration Alone. <i>Anesthesia & Analgesia</i> . 2016;122(6):2040-6. | Not intervention of interest |
| Scarff, C. E., Scarff, C. W. Digital nerve blocks: More gain with less pain. <i>Australasian Journal of Dermatology</i> . 2007;48(1):60-1. | Not intervention of interest |
| Schelhorn, N., Lamm, S., Fricker, R. [Single Subcutaneous Palmar Injection vs. 2 Dorsal Injections for Finger Anaesthesia in Hand Surgery - Randomised Prospective Comparison of Application Pain and Efficacy]. <i>Handchirurgie, Mikrochirurgie, Plastische Chirurgie</i> . 2016;48(5):296-9. | Not intervention of interest |
| Schiffenbauer, J., Fagien, M. Reflex sympathetic dystrophy involving multiple extremities. <i>Journal of Rheumatology</i> . 1993;20(1):165-9. | Publication type |
| Schiltenswolf, M., Fischer, C. Choi WJ et al. Radiofrequency treatment relieves chronic knee osteoarthritis pain: a double-blind randomized controlled trial. <i>Pain</i> 2011; 152: 481-7. <i>Pain</i> . 2011;152(8):1933-4; author reply 1934-6. | Publication type |
| Schloss, B., Bhalla, T., Klingele, K., Phillips, D., Prestwich, B., Tobias, J. D. A retrospective review of femoral nerve block for postoperative analgesia after knee surgery in the pediatric population. <i>Journal of Pediatric Orthopedics</i> . 2014;34(4):459-61. | Not intervention of interest |
| Schmidt, J., Bechara, F. G., Altmeyer, P., Zirngibl, H. Endoscopic thoracic sympathectomy for severe hyperhidrosis: impact of restrictive denervation on compensatory sweating. <i>Annals of Thoracic Surgery</i> . 2006;81(3):1048-55. | Not appropriate population |

| Reference | Exclusion Reason |
|--|------------------------------|
| Schnabel, A., Poepping, D. M., Kranke, P., Zahn, P. K., Pogatzki-Zahn, E. M. Efficacy and adverse effects of ketamine as an additive for paediatric caudal anaesthesia: a quantitative systematic review of randomized controlled trials. <i>British Journal of Anaesthesia</i> . 2011;107(4):601-11. | Not intervention of interest |
| Schnabl, S. M., Unglaub, F., Leitz, Z., Breuninger, H., Hafner, H. M. Skin perfusion and pain evaluation with different local anaesthetics in a double blind randomized study following digital nerve block anaesthesia. <i>Clinical Hemorheology & Microcirculation</i> . 2013;55(2):241-53. | Not intervention of interest |
| Schneider-Kolsky, M. E., Pike, J., Connell, D. A. CT-guided suprascapular nerve blocks: a pilot study. <i>Skeletal Radiology</i> . 2004;33(5):277-82. | Not intervention of interest |
| Schoenmakers, K. P., Wegener, J. T., Stienstra, R. Effect of local anesthetic volume (15 vs 40 mL) on the duration of ultrasound-guided single shot axillary brachial plexus block: a prospective randomized, observer-blinded trial. <i>Regional Anesthesia & Pain Medicine</i> . 2012;37(3):242-7. | Not intervention of interest |
| Schultz, P., Anker-Moller, E., Dahl, J. B., Christensen, E. F., Spangsberg, N., Fauno, P. Postoperative pain treatment after open knee surgery: continuous lumbar plexus block with bupivacaine versus epidural morphine. <i>Regional Anesthesia</i> . 1991;16(1):34-7. | Not intervention of interest |
| Schumacher, J., Taintor, J., Schumacher, J., Degraives, F., Schramme, M., Wilhite, R. Function of the ramus communicans of the medial and lateral palmar nerves of the horse. <i>Equine Veterinary Journal</i> . 2013;45(1):31-5. | Not appropriate population |
| Schwarz, S. K., Franciosi, L. G., Ries, C. R., Regan, W. D., Davidson, R. G., Nevin, K., Escobedo, S., MacLeod, B. A. Addition of femoral 3-in-1 blockade to intra-articular ropivacaine 0.2% does not reduce analgesic requirements following arthroscopic knee surgery. <i>Canadian Journal of Anaesthesia</i> . 1999;46(8):741-7. | Not intervention of interest |
| Schweizer, A., von Kanel, O., Kammer, E., Meuli-Simmen, C. Long-term follow-up evaluation of denervation of the wrist. <i>Journal of Hand Surgery - American Volume</i> . 2006;31(4):559-64. | No outcome of interest |
| Scott, B. O. The place and benefit of physical (particularly electro-therapeutic) methods of treatment in modern medical practice. <i>Proceedings of the Royal Society of Medicine</i> . 1973;66(8):784-7. | Publication type |
| Scranton, P. E., Jr. Metatarsalgia: diagnosis and treatment. <i>Journal of Bone & Joint Surgery - American Volume</i> . 1980;62(5):723-32. | Not intervention of interest |
| Sean, N. Y., Singh, I., Wai, C. K. Radiofrequency microtenotomy for the treatment of plantar fasciitis shows good early results. <i>Journal of Foot & Ankle Surgery</i> . 2010;16(4):174-7. | No outcome of interest |

| Reference | Exclusion Reason |
|--|------------------------------|
| Seeger, J. M., Lazarus, H. M., Albo, D., Jr. Preoperative selection of patients for lumbar sympathectomy by use of the Doppler index. <i>American Journal of Surgery</i> . 1977;134(6):749-53. | Not appropriate population |
| Sener, A., Demircan, A., Keles, A., Bildik, F., Karakurt, K. Comparison of local infiltration anesthesia and peripheral nerve block: a randomized prospective study in hand lacerations. <i>Turkish Journal of Medical Sciences</i> . 2015;45(3):694-9. | Not intervention of interest |
| Senoglu, N., Senoglu, M., Ozkan, F., Kesilmez, C., Kizildag, B., Celik, M. The level of termination of the dural sac by MRI and its clinical relevance in caudal epidural block in adults. <i>Surgical & Radiologic Anatomy</i> . 2013;35(7):579-84. | Not intervention of interest |
| Seo, S. S., Kim, O. G., Seo, J. H., Kim, D. H., Kim, Y. G., Park, B. Y. Comparison of the Effect of Continuous Femoral Nerve Block and Adductor Canal Block after Primary Total Knee Arthroplasty. <i>Clinics in Orthopedic Surgery</i> . 2017;9(3):303-309. | Not intervention of interest |
| Sermeus, L., Boeckx, S., Camerlynck, H., Somville, J., Vercauteren, M. Postsurgical compartment syndrome of the forearm diagnosed in a child receiving a continuous infra-clavicular peripheral nerve block. <i>Acta Anaesthesiologica Belgica</i> . 2015;66(1):29-32. | Not intervention of interest |
| Seror, D., Zamir, O., Eimerl, D., Freund, H. R. [First experiences with retroperitoneoscopic lumbar sympathectomy]. <i>Harefuah</i> . 1999;136(11):848-9, 916. | Not in English |
| Serour, F., Ben-Yehuda, Y., Boaz, M. EMLA cream prior to digital nerve block for ingrown nail surgery does not reduce pain at injection of anesthetic solution. <i>Acta Anaesthesiologica Scandinavica</i> . 2002;46(2):203-6. | Not intervention of interest |
| Serpell, M. G., Millar, F. A., Thomson, M. F. Comparison of lumbar plexus block versus conventional opioid analgesia after total knee replacement. <i>Anaesthesia</i> . 1991;46(4):275-7. | Not intervention of interest |
| Setzer, N. Continuous regional anesthesia after foot surgery in children. <i>Anesthesia & Analgesia</i> . 2007;104(2):457; author reply 457. | Not intervention of interest |
| Shah, A., Best, A. J., Rennie, W. J. Percutaneous Ultrasound-Guided TOPAZ Radiofrequency Coblation: A Novel Coaxial Technique for the Treatment of Recalcitrant Plantar Fasciitis—Our Experience. <i>Journal of Ultrasound in Medicine</i> . 2016;35(6):1325-31. | Observational study n < 10 |
| Shanahan, E. M., Ahern, M., Smith, M., Wetherall, M., Bresnihan, B., FitzGerald, O. Suprascapular nerve block (using bupivacaine and methylprednisolone acetate) in chronic shoulder pain. <i>Annals of the Rheumatic Diseases</i> . 2003;62(5):400-6. | Not intervention of interest |

| Reference | Exclusion Reason |
|---|---|
| Shanahan, E. M., Shanahan, K. R., Hill, C. L., Ahern, M. J., Smith, M. D. Safety and acceptability of suprascapular nerve block in rheumatology patients. <i>Clinical Rheumatology</i> . 2012;31(1):145-9. | Not intervention of interest |
| Shanahan, E. M., Smith, M. D. The safety of suprascapular nerve block. <i>Regional Anesthesia & Pain Medicine</i> . 2012;37(1):120-1; author reply 121. | Not intervention of interest |
| Shanahan, E. M., Smith, M. D., Wetherall, M., Lott, C. W., Slavotinek, J., Fitzgerald, O., Ahern, M. J. Suprascapular nerve block in chronic shoulder pain: are the radiologists better?. <i>Annals of the Rheumatic Diseases</i> . 2004;63(9):1035-40. | Not intervention of interest |
| Shanik, G., Hayes, A., Barnes, R. W. Foot vascular resistance index: a noninvasive method to assess foot vasomotor tone. <i>Surgery</i> . 1975;78(4):446-52. | Not intervention of interest |
| Sharpe, E., Milaszkiwicz, R., Carli, F. A case of prolonged hypotension following intravenous guanethidine block. <i>Anaesthesia</i> . 1987;42(10):1081-4. | Not intervention of interest |
| Shealy, C. N. Facets in back and sciatic pain. A new approach to a major pain syndrome. <i>Minnesota Medicine</i> . 1974;57(3):199-203. | Not intervention of interest |
| Shealy, C. N. Facet denervation in the management of back and sciatic pain. <i>Clinical Orthopaedics & Related Research</i> . 1976; (115):157-64. | Not intervention of interest |
| Shealy, C. N. Percutaneous radiofrequency denervation of spinal facets. Treatment for chronic back pain and sciatica. <i>Journal of Neurosurgery</i> . 1975;43(4):448-51. | Not intervention of interest |
| Shen, W. S., Xu, X. Q., Zhai, N. N., Zhou, Z. S., Shao, J., Yu, Y. H. Radiofrequency Thermocoagulation in Relieving Refractory Pain of Knee Osteoarthritis. <i>American Journal of Therapeutics</i> . 2017;24(6):e693-e700. | Not intervention of interest |
| Sherman, R. A., Barja, R. H., Bruno, G. M. Thermographic correlates of chronic pain: analysis of 125 patients incorporating evaluations by a blind panel. <i>Archives of Physical Medicine & Rehabilitation</i> . 1987;68(5 Pt 1):273-9. | Not intervention of interest |
| Sheth, M., Liles, C. H., Phillips, W. J., Lerant, A. Lumbar plexus block via a femoral approach for total hip arthroplasty dislocation reduction: a report of 2 cases. <i>European Journal of Emergency Medicine</i> . 2008;15(4):226-30. | Not intervention of interest |
| Shi, S. M., Meister, D. W., Graner, K. C., Ninomiya, J. T. Selective Denervation for Persistent Knee Pain After Total Knee Arthroplasty: A Report of 50 Cases. <i>Journal of Arthroplasty</i> . 2017;32(3):968-973. | Observational study of harms, excluded because no evidence for the intervention |
| Shiga, T., Sakamoto, A., Koizumi, K., Ogawa, R. Endoscopic thoracic sympathectomy for primary erythromelalgia in the upper extremities. <i>Anesthesia & Analgesia</i> . 1999;88(4):865-6. | Publication type |

| Reference | Exclusion Reason |
|--|------------------------------|
| Shime, N., Sugimoto, E. Lumbar sympathetic ganglion block in a patient with painful legs and moving toes syndrome. <i>Anesthesia & Analgesia</i> . 1998;86(5):1056-7. | Not appropriate study design |
| Shimizu, Y., Mizutani, H., Inachi, S., Tsuchibashi, T., Shimizu, M. Neural blockade, urokinase and prostaglandin E1 combination therapy for acute digital ischemia of progressive systemic sclerosis. <i>Journal of Dermatology</i> . 1994;21(10):755-9. | Not intervention of interest |
| Shin, S., Chung, W. Y., Jeong, J. J., Kang, S. W., Oh, Y. J. Analgesic efficacy of bilateral superficial cervical plexus block in robot-assisted endoscopic thyroidectomy using a transaxillary approach. <i>World Journal of Surgery</i> . 2012;36(12):2831-7. | Not intervention of interest |
| Shir, Y., Seltzer, Z. Heat hyperalgesia following partial sciatic ligation in rats: interacting nature and nurture. <i>Neuroreport</i> . 2001;12(4):809-13. | Not appropriate population |
| Shteynberg, A., Riina, L. H., Glickman, L. T., Meringolo, J. N., Simpson, R. L. Ultrasound guided lateral femoral cutaneous nerve (LFCN) block: safe and simple anesthesia for harvesting skin grafts. <i>Burns</i> . 2013;39(1):146-9. | Not intervention of interest |
| Sia, S. Nerve blocks, ultrasounds, and multiple sclerosis. <i>Anesthesiology</i> . 2008;109(4):751-2; author reply 753. | Not intervention of interest |
| Sia, S., Lepri, A., Magherini, M., Doni, L., Di Marco, P., Gritti, G. A comparison of proximal and distal radial nerve motor responses in axillary block using triple stimulation. <i>Regional Anesthesia & Pain Medicine</i> . 2005;30(5):458-63. | Not intervention of interest |
| Sia, S., Lepri, A., Marchi, M. Axillary block by "selective" injections at the nerves involved in surgery using a peripheral nerve stimulator: a comparison with a "standard" triple-injection technique. <i>Regional Anesthesia & Pain Medicine</i> . 2010;35(1):22-7. | Not intervention of interest |
| Sibbitt, W. L., Jr., Michael, A. A., Poole, J. L., Chavez-Chiang, N. R., Delea, S. L., Bankhurst, A. D. Nerve blocks at the wrist for painful injections of the palm. <i>JCR: Journal of Clinical Rheumatology</i> . 2011;17(4):173-8. | Not intervention of interest |
| Sidiropoulou, T., Buonomo, O., Fabbi, E., Silvi, M. B., Kostopanagiotou, G., Sabato, A. F., Dauri, M. A prospective comparison of continuous wound infiltration with ropivacaine versus single-injection paravertebral block after modified radical mastectomy. <i>Anesthesia & Analgesia</i> . 2008;106(3):997-1001, table of contents. | Not intervention of interest |
| Sihoe, A. D., Cheung, C. S., Lai, H. K., Lee, T. W., Thung, K. H., Yim, A. P. Incidence of chest wall paresthesia after needlescopic video-assisted thoracic surgery for palmar hyperhidrosis. <i>European Journal of Cardio-Thoracic Surgery</i> . 2005;27(2):313-9. | Not appropriate population |

| Reference | Exclusion Reason |
|--|------------------------------|
| Silva, S., Bataille, B., Jucla, M., Minville, V., Samii, K., Fourcade, O., Demonet, J. F., Loubinoux, I. Temporal analysis of regional anaesthesia-induced sensorimotor dysfunction: a model for understanding phantom limb. <i>British Journal of Anaesthesia</i> . 2010;105(2):208-13. | Not intervention of interest |
| Silvers, H. R. Lumbar percutaneous facet rhizotomy.[Erratum appears in Spine 1990 Sep;15(9):984]. <i>Spine</i> . 1990;15(1):36-40. | Not intervention of interest |
| Simon, E., Zemirline, A., Richou, J., Hu, W., Le Nen, D. [Complete wrist denervation: a retrospective study of 27 cases with a mean follow-up period of 77 months]. <i>Chirurgie de la Main</i> . 2012;31(6):306-10. | Not in English |
| Simonsen, O. H., Gorst-Rasmussen, A., Simonsen, A. B., Jorgensen, M. B., Rathleff, M. S., Lundbye-Christensen, S. Blood reinfusion combined with femoral nerve block in total knee replacement for patients with increased risk of bleeding. <i>Journal of Orthopaedic Surgery</i> . 2011;19(1):64-8. | Not intervention of interest |
| Sindou, M., Rosati, C., Millet, M. F., Beneton, C. [Selective posterior rhizotomy at the posterior radiculomedullary junction in the treatment of hyperspasticity and pain in the lower limbs]. <i>Neuro-Chirurgie</i> . 1987;33(6):433-54. | Not intervention of interest |
| Singelyn, E. J. Continuous peripheral nerve blocks and postoperative pain management. <i>Acta Anaesthesiologica Belgica</i> . 2006;57(2):109-12. | Not intervention of interest |
| Singelyn, F. J. Single-injection applications for foot and ankle surgery. <i>Best Practice & Research. Clinical Anaesthesiology</i> . 2002;16(2):247-54. | Not intervention of interest |
| Singelyn, F. J., Aye, F., Gouverneur, J. M. Continuous popliteal sciatic nerve block: an original technique to provide postoperative analgesia after foot surgery. <i>Anesthesia & Analgesia</i> . 1997;84(2):383-6. | Not intervention of interest |
| Singelyn, F. J., Dangoisse, M., Bartholomee, S., Gouverneur, J. M. Adding clonidine to mepivacaine prolongs the duration of anesthesia and analgesia after axillary brachial plexus block. <i>Regional Anesthesia</i> . 1992;17(3):148-50. | Not intervention of interest |
| Singelyn, F. J., Deyaert, M., Joris, D., Pendeville, E., Gouverneur, J. M. Effects of intravenous patient-controlled analgesia with morphine, continuous epidural analgesia, and continuous three-in-one block on postoperative pain and knee rehabilitation after unilateral total knee arthroplasty. <i>Anesthesia & Analgesia</i> . 1998;87(1):88-92. | Not intervention of interest |
| Singelyn, F. J., Gouverneur, J. M., Robert, A. A minimum dose of clonidine added to mepivacaine prolongs the duration of anesthesia and analgesia after axillary brachial plexus block. <i>Anesthesia & Analgesia</i> . 1996;83(5):1046-50. | Not intervention of interest |
| Singelyn, F. J., Lhotel, L., Fabre, B. Pain relief after arthroscopic shoulder surgery: a comparison of intraarticular analgesia, suprascapular nerve | Not intervention of interest |

| Reference | Exclusion Reason |
|--|------------------------------|
| block, and interscalene brachial plexus block. <i>Anesthesia & Analgesia</i> . 2004;99(2):589-92, table of contents. | |
| Singelyn, F. J., Seguy, S., Gouverneur, J. M. Interscalene brachial plexus analgesia after open shoulder surgery: continuous versus patient-controlled infusion. <i>Anesthesia & Analgesia</i> . 1999;89(5):1216-20. | Not intervention of interest |
| Singh, A., Kelly, C., O'Brien, T., Wilson, J., Warner, J. J. Ultrasound-guided interscalene block anesthesia for shoulder arthroscopy: a prospective study of 1319 patients. <i>Journal of Bone & Joint Surgery - American Volume</i> . 2012;94(22):2040-6. | Not intervention of interest |
| Singh, B., Moodley, J., Shaik, A. S., Robbs, J. V. Sympathectomy for complex regional pain syndrome. <i>Journal of Vascular Surgery</i> . 2003;37(3):508-11. | No outcome of interest |
| Singh, H., Yang, J., Thornton, K., Giesecke, A. H. Intrathecal fentanyl prolongs sensory bupivacaine spinal block. <i>Canadian Journal of Anaesthesia</i> . 1995;42(11):987-91. | Not intervention of interest |
| Singh, V. K., Ridgers, S., Sott, A. H. Ankle block in forefoot reconstruction before or after inflation of tourniquet--Does timing matter?. <i>Journal of Foot & Ankle Surgery</i> . 2013;19(1):15-7. | Not intervention of interest |
| Sinha, C. K., Kiely, E. Thoracoscopic sympathectomy for palmar hyperhidrosis in children: 21 years of experience at a tertiary care center. <i>European Journal of Pediatric Surgery</i> . 2013;23(6):486-9. | Not appropriate population |
| Sinha, S. K., Abrams, J. H., Houle, T. T., Weller, R. S. Ultrasound-guided obturator nerve block: an interfascial injection approach without nerve stimulation. <i>Regional Anesthesia & Pain Medicine</i> . 2009;34(3):261-4. | Not intervention of interest |
| Slater, M. E., Williams, S. R., Harris, P., Brutus, J. P., Ruel, M., Girard, F., Boudreault, D. Preliminary evaluation of infraclavicular catheters inserted using ultrasound guidance: through-the-catheter anesthesia is not inferior to through-the-needle blocks. <i>Regional Anesthesia & Pain Medicine</i> . 2007;32(4):296-302. | Not intervention of interest |
| Sloan, P. A. Neuropathic cancer-related pain. <i>Journal of Palliative Care</i> . 1991;7(2):44-6. | Not intervention of interest |
| Sluijter, M. E., Teixeira, A. Cooled Radiofrequency Ablation of Genicular Nerves for Knee Osteoarthritis Pain: A Letter to Editor. <i>Anesthesiology & Pain Medicine</i> . 2017;7(3):e46940. | Publication type |
| Sluijter, M. E., Teixeira, A., Serra, V., Balogh, S., Schianchi, P. Intra-articular application of pulsed radiofrequency for arthrogenic pain--report of six cases. <i>Pain Practice</i> . 2008;8(1):57-61. | Publication type |
| Smith, B. E., Fischer, H. B., Scott, P. V. Continuous sciatic nerve block. <i>Anaesthesia</i> . 1984;39(2):155-7. | Not intervention of interest |

| Reference | Exclusion Reason |
|--|------------------------------|
| Smith, L. M., Barrington, M. J. Disappointing Discourse: Adductor Canal Versus Femoral Nerve Block. <i>Regional Anesthesia & Pain Medicine</i> . 2016;41(5):653. | Not intervention of interest |
| Smith, M. P., Tetzlaff, J. E., Brems, J. J. Asymptomatic profound oxyhemoglobin desaturation following interscalene block in a geriatric patient. <i>Regional Anesthesia & Pain Medicine</i> . 1998;23(2):210-3. | Not intervention of interest |
| Smith, R. R., Martin-Schild, S., Kastin, A. J., Zadina, J. E. Decreases in endomorphin-2-like immunoreactivity concomitant with chronic pain after nerve injury. <i>Neuroscience</i> . 2001;105(3):773-8. | Not intervention of interest |
| Smuck, M., Christensen, S., Lee, S. S., Sagher, O. An unusual cause of S1 radicular pain presenting as early phantom pain in a transfemoral amputee: a case report. <i>Archives of Physical Medicine & Rehabilitation</i> . 2008;89(1):146-9. | Not intervention of interest |
| Soberon, J. R., Jr., Crookshank, J. W., 3rd, Nossaman, B. D., Elliott, C. E., Sisco-Wise, L. E., Duncan, S. F. Distal Peripheral Nerve Blocks in the Forearm as an Alternative to Proximal Brachial Plexus Blockade in Patients Undergoing Hand Surgery: A Prospective and Randomized Pilot Study. <i>Journal of Hand Surgery - American Volume</i> . 2016;41(10):969-977. | Not intervention of interest |
| Soberon, J. R., Elliott, C. E., Bland, K. S., Weinberg, G. L. Peripheral nerve block in a patient with propionic acidemia. <i>Regional Anesthesia & Pain Medicine</i> . 2014;39(6):560-1. | Not intervention of interest |
| Soberon, J. R., McInnis, C., Bland, K. S., Egger, A. L., Patterson, M. E., Elliott, C. E., Treuting, R. J., Osteen, K. Ultrasound-guided popliteal sciatic nerve blockade in the severely and morbidly obese: a prospective and randomized study. <i>Journal of Anesthesia</i> . 2016;30(3):397-404. | Not intervention of interest |
| Sochor, M., Curkova, A. K., Schwarczova, Z., Sochorova, R., Simaljakova, M., Buchvald, J. Comparison of hair reduction with three lasers and light sources: prospective, blinded and controlled study. <i>Journal of Cosmetic & Laser Therapy</i> . 2011;13(5):210-5. | Not intervention of interest |
| Soeding, P. E., Sha, S., Royse, C. E., Marks, P., Hoy, G., Royse, A. G. A randomized trial of ultrasound-guided brachial plexus anaesthesia in upper limb surgery. <i>Anaesthesia & Intensive Care</i> . 2005;33(6):719-25. | Not intervention of interest |
| Sohoni, A., Nagdev, A., Takhar, S., Stone, M. Forearm ultrasound-guided nerve blocks vs landmark-based wrist blocks for hand anesthesia in healthy volunteers. <i>American Journal of Emergency Medicine</i> . 2016;34(4):730-4. | Not intervention of interest |
| Solanki, S. L., Bharti, N., Batra, Y. K., Jain, A., Kumar, P., Nikhar, S. A. The analgesic effect of intrathecal dexmedetomidine or clonidine, with bupivacaine, in trauma patients undergoing lower limb surgery: a | Not intervention of interest |

| Reference | Exclusion Reason |
|---|------------------------------|
| randomised, double-blind study. <i>Anaesthesia & Intensive Care</i> . 2013;41(1):51-6. | |
| Sollitto, R. J., Plotkin, E. L., Klein, P. G., Mullin, P. Early clinical results of the use of radiofrequency lesioning in the treatment of plantar fasciitis. <i>Journal of Foot & Ankle Surgery</i> . 1997;36(3):215-9; discussion 256. | Not intervention of interest |
| Sollmann, W. P., Gaab, M. R., Panning, B. [Lumbar epidural hematoma and spinal abscess following peridural anesthesia]. <i>Regional Anaesthesia</i> . 1987;10(4):121-4. | Not intervention of interest |
| Solomon, P. Modified Bier block anesthetic technique is safe for office use for botulinum a toxin treatment of palmar and plantar hyperhidrosis. <i>Dermatology Online Journal</i> . 2007;13(3):6. | Not intervention of interest |
| Soltesz, S., Meiger, D., Milles-Thieme, S., Saxler, G., Ziegeler, S. Intermittent versus continuous sciatic block combined with femoral block for patients undergoing knee arthroplasty. A randomized controlled trial. <i>International orthopaedics</i> . 2016;40(9):1861-1867. | Not intervention of interest |
| Son, B. C., Ha, S. W. Phantom Remodeling Effect of Dorsal Root Entry Zone Lesioning in Phantom Limb Pain Caused by Brachial Plexus Avulsion. <i>Stereotactic & Functional Neurosurgery</i> . 2015;93(4):240-4. | Not intervention of interest |
| Song, J. H., Kang, C., Hwang, D. S., Hwang, J. M., Shin, B. K. Fentanyl Patches to Supplement Ultrasound-Guided Nerve Blocks for Improving Pain Control After Foot and Ankle Surgery: A Prospective Study. <i>Journal of Foot & Ankle Surgery</i> . 2016;55(1):121-4. | Not intervention of interest |
| Song, Z., Viisanen, H., Meyerson, B. A., Pertovaara, A., Linderoth, B. Efficacy of kilohertz-frequency and conventional spinal cord stimulation in rat models of different pain conditions. <i>Neuromodulation</i> . 2014;17(3):226-34; discussion 234-5. | Not appropriate population |
| Soodan, A., Ahmad, I. Is a selective brachial plexus block at the axilla possible when using a nerve stimulator and large volumes of local anesthetic?. <i>Regional Anesthesia & Pain Medicine</i> . 2010;35(5):475-6. | Not intervention of interest |
| Sorensen, M. D., Hyer, C. F., Philbin, T. M. Percutaneous bipolar radiofrequency microdebridement for recalcitrant proximal plantar fasciosis. <i>Journal of Foot & Ankle Surgery</i> . 2011;50(2):165-70. | Not intervention of interest |
| Souron, V., Eyrolle, L., Rosencher, N. The Mansour's sacral plexus block: an effective technique for continuous block. <i>Regional Anesthesia & Pain Medicine</i> . 2000;25(2):208-9. | Not intervention of interest |
| Souron, V., Reiland, Y., Delaunay, L. Pleural effusion and chest pain after continuous interscalene brachial plexus block. <i>Regional Anesthesia & Pain Medicine</i> . 2003;28(6):535-8. | Not intervention of interest |

| Reference | Exclusion Reason |
|--|------------------------------|
| Spahn, G., Hofmann, G. O., von Engelhardt, L. V. Mechanical debridement versus radiofrequency in knee chondroplasty with concomitant medial meniscectomy: 10-year results from a randomized controlled study. <i>Knee Surgery, Sports Traumatology, Arthroscopy</i> . 2016;24(5):1560-8. | Not intervention of interest |
| Spahn, G., Kahl, E., Muckley, T., Hofmann, G. O., Klinger, H. M. Arthroscopic knee chondroplasty using a bipolar radiofrequency-based device compared to mechanical shaver: results of a prospective, randomized, controlled study. <i>Knee Surgery, Sports Traumatology, Arthroscopy</i> . 2008;16(6):565-73. | Not intervention of interest |
| Spahn, G., Klinger, H. M., Muckley, T., Hofmann, G. O. Four-year results from a randomized controlled study of knee chondroplasty with concomitant medial meniscectomy: mechanical debridement versus radiofrequency chondroplasty. <i>Arthroscopy</i> . 2010;26(9 Suppl):S73-80. | Not intervention of interest |
| Spallone, A., Gazzeri, G., Floris, R. Extra-foraminal prolapsed lumbar disc: a possible cause of recurrent sciatica in failed low-back surgery patient. Case report. <i>Journal of Neurosurgical Sciences</i> . 1992;36(2):111-5. | Not intervention of interest |
| Spangehl, M. J., Clarke, H. D., Hentz, J. G., Misra, L., Blocher, J. L., Seamans, D. P. The Chitranjan Ranawat Award: Periarticular injections and femoral & sciatic blocks provide similar pain relief after TKA: a randomized clinical trial. <i>Clinical Orthopaedics & Related Research</i> . 2015;473(1):45-53. | Not intervention of interest |
| Spasiano, A., Flore, I., Pesamosca, A., Della Rocca, G. Comparison between spinal anaesthesia and sciatic-femoral block for arthroscopic knee surgery. <i>Minerva Anestesiologica</i> . 2007;73(1-2):13-21. | Not intervention of interest |
| Spence, D., Goff, J., Mohan, E., Bowen, K., Osborne, L., Maye, J. Perioperative administration of gabapentin for shoulder arthroscopy: a prospective, randomized, double-blind, placebo-controlled study. <i>AANA Journal</i> . 2011;79(4 Suppl):S43-50. | Not intervention of interest |
| Srikumaran, U., Stein, B. E., Tan, E. W., Freehill, M. T., Wilckens, J. H. Upper-extremity peripheral nerve blocks in the perioperative pain management of orthopaedic patients: AAOS exhibit selection. <i>Journal of Bone & Joint Surgery - American Volume</i> . 2013;95(24):e197(1-13). | Not intervention of interest |
| Sripada, R., Bowens, C., Jr. Regional anesthesia procedures for shoulder and upper arm surgery upper extremity update--2005 to present. <i>International Anesthesiology Clinics</i> . 2012;50(1):26-46. | Not intervention of interest |
| Sripada, R., Reyes, J. J., Sun, R. Peripheral nerve blocks for intraoperative management in patients with hemophilia A. <i>Journal of Clinical Anesthesia</i> . 2009;21(2):120-3. | Not intervention of interest |
| Stan, T., Goodman, E. J., Bravo-Fernandez, C., Holbrook, C. R. Adding methylprednisolone to local anesthetic increases the duration of axillary block. <i>Regional Anesthesia & Pain Medicine</i> . 2004;29(4):380-1. | Not intervention of interest |

| Reference | Exclusion Reason |
|--|----------------------------------|
| Stangenberg, L., Burzyn, D., Binstadt, B. A., Weissleder, R., Mahmood, U., Benoist, C., Mathis, D. Denervation protects limbs from inflammatory arthritis via an impact on the microvasculature. <i>Proceedings of the National Academy of Sciences of the United States of America</i> . 2014;111(31):11419-24. | Not appropriate population |
| Stangl, P. C., Freilinger, G. [Long-term results of the Wilhelm denervation operation in epicondylitis humeri radialis (tennis elbow)]. <i>Handchirurgie, Mikrochirurgie, Plastische Chirurgie</i> . 1993;25(3):121-3. | Not in English |
| Stanley, D., Stockley, I., Davies, G. K., Getty, C. J. A prospective study of diagnostic epidural blockade in the assessment of chronic back and leg pain. <i>Journal of Spinal Disorders</i> . 1993;6(3):208-11. | Not intervention of interest |
| Starke, C., Ropke, E. F., Lohmann, C. H. [The third compartment in knee endoprosthetics: from denervation to replacement, which therapy is correct?]. <i>Orthopade</i> . 2011;40(10):896-8, 900-1. | Not in English |
| Stathellis, A., Fitz, W., Schnurr, C., Koeck, F. X., Gebauer, M., Huth, J., Bauer, G., Beckmann, J. Periarticular injections with continuous perfusion of local anaesthetics provide better pain relief and better function compared to femoral and sciatic blocks after TKA: a randomized clinical trial. <i>Knee surgery, sports traumatology, arthroscopy</i> . 2017;25(9):2702-2707. | Not intervention of interest |
| Stein, B. E., Srikumaran, U., Tan, E. W., Freehill, M. T., Wilckens, J. H. Lower-extremity peripheral nerve blocks in the perioperative pain management of orthopaedic patients: AAOS exhibit selection. <i>Journal of Bone & Joint Surgery - American Volume</i> . 2012;94(22):e167. | Not intervention of interest |
| Steinberg, M. D., Steinberg, L. B., Fields, G. S., Fields, L. S. Gout and Sudeck's atrophy: a simplified office approach to treatment. <i>Journal of the American Podiatry Association</i> . 1975;65(4):379-83. | Full text could not be retrieved |
| Steinbrocker, O., Neustadt, D., Lapin, L. Shoulder-hand syndrome, sympathetic block compared with corticotropin and cortisone therapy. <i>Journal of the American Medical Association</i> . 1953;153(9):788-91. | Not intervention of interest |
| Steinbrocker, O., Spitzer, N., Friedman, H. H. The treatment of the shoulder-hand syndrome, reflex dystrophy of the upper extremity, with special reference to sympathetic block; a preliminary report. <i>Current Researches in Anesthesia & Analgesia</i> . 1948;27(5):273-8. | Not intervention of interest |
| Steinfeldt, T., Wiesmann, T., Doffert, J. [Regional anaesthesia in patients with lower limb injury]. <i>Anesthesiologie, Intensivmedizin, Notfallmedizin, Schmerztherapie</i> . 2015;50(4):260-7; quiz 268. | Not intervention of interest |
| Stephens, C. J., McGibbon, D. H. Algodystrophy (reflex sympathetic dystrophy) complicating unilateral acrodermatitis continua. <i>Clinical & Experimental Dermatology</i> . 1989;14(6):445-7. | Not intervention of interest |

| Reference | Exclusion Reason |
|--|------------------------------|
| Stevens, J. Osteoarthritis of the hip. A review with special consideration of the problem of bilateral malum coxae senilis. <i>Clinical Orthopaedics & Related Research</i> . 1970;71 :152-81. | Publication type |
| Stevens, M. F., Werdehausen, R., Golla, E., Braun, S., Hermanns, H., Ilg, A., Willers, R., Lipfert, P. Does interscalene catheter placement with stimulating catheters improve postoperative pain or functional outcome after shoulder surgery? A prospective, randomized and double-blinded trial. <i>Anesthesia & Analgesia</i> . 2007;104(2):442-7. | Not intervention of interest |
| Stone, J., Matchett, G. Combined ultrasound and fluoroscopic guidance for radiofrequency ablation of the obturator nerve for intractable cancer-associated hip pain. <i>Pain Physician</i> . 2014;17(1):E83-7. | Observational study n < 10 |
| Stone, M. B., Price, D. D., Wang, R. Ultrasound-guided supraclavicular block for the treatment of upper extremity fractures, dislocations, and abscesses in the ED. <i>American Journal of Emergency Medicine</i> . 2007;25(4):472-5. | Not intervention of interest |
| Storey, P. A., Lindau, T., Jansen, V., Woodbridge, S., Bainbridge, L. C., Burke, F. D. Wrist denervation in isolation: a prospective outcome study with patient selection by wrist blockade. <i>Hand Surgery</i> . 2011;16(3):251-7. | No outcome of interest |
| Stout, A. Epidural steroid injections for low back pain. <i>Physical Medicine & Rehabilitation Clinics of North America</i> . 2010;21(4):825-34. | Not intervention of interest |
| Strakowski, J. A. Ultrasound-Guided Peripheral Nerve Procedures. <i>Physical Medicine & Rehabilitation Clinics of North America</i> . 2016;27(3):687-715. | Not intervention of interest |
| Straube, S., Derry, S., Moore, R. A., McQuay, H. J. Cervico-thoracic or lumbar sympathectomy for neuropathic pain and complex regional pain syndrome. <i>Cochrane Database of Systematic Reviews</i> . 2010; (7):CD002918. | Not intervention of interest |
| Striebel, H. W., Wilker, E. [Postoperative pain therapy following total endoprosthetic surgery on the hip using a continuous 3-in-1 blockade]. <i>Anesthesiologie, Intensivmedizin, Notfallmedizin, Schmerztherapie</i> . 1993;28(3):168-73. | Not intervention of interest |
| Stroh, J. W., Butler, J. D. Osteoid osteoma: case presentation and discussion. <i>Journal of the American Podiatry Association</i> . 1974;64(9):713-7. | Not appropriate study design |
| Stude, P., Enax-Krumova, E. K., Lenz, M., Lissek, S., Nicolas, V., Peters, S., Westermann, A., Tegenthoff, M., Maier, C. Local anesthetic sympathectomy restores fMRI cortical maps in CRPS I after upper extremity stellate blockade: a prospective case study. <i>Pain Physician</i> . 2014;17(5):E637-44. | Not intervention of interest |
| Suarez Ruiz, P., Lopez Alvarez, S., Sarmiento Penide, A., Barbeito Vilarino, M. J., Bonome Gonzalez, C., Cobian Llamas, J. M. [Popliteal fossa sciatic nerve block for ambulatory hallux valgus surgery: comparison of lateral and posterior approaches]. <i>Revista Espanola de Anestesiologia y Reanimacion</i> . 2005;52(1):4-8. | Not intervention of interest |

| Reference | Exclusion Reason |
|--|------------------------------|
| Subash, F., Hilton, P. Postoperative analgesia following shoulder surgery. <i>Anaesthesia</i> . 2010;65(10):1045; author reply 1045-6. | Not intervention of interest |
| Sundarathiti, P., Ruananukul, N., Channum, T., Kitkunasathean, C., Mantay, A., Thammasakulsiri, J., Sodsee, W. A comparison of continuous femoral nerve block (CFNB) and continuous epidural infusion (CEI) in postoperative analgesia and knee rehabilitation after total knee arthroplasty (TKA). <i>Journal of the Medical Association of Thailand</i> . 2009;92(3):328-34. | Not intervention of interest |
| Sutaria, R. G., Lee, S. W., Kim, S. Y., Howe, R., Downie, S. A. Localization of the Lateral Retinacular Nerve for Diagnostic and Therapeutic Nerve Block for Lateral Knee Pain: A Cadaveric Study. <i>Pm & R</i> . 2017;9(2):149-153. | Not appropriate population |
| Sutherland, I. D. Continuous sciatic nerve infusion: expanded case report describing a new approach. <i>Regional Anesthesia & Pain Medicine</i> . 1998;23(5):496-501. | Not intervention of interest |
| Svendsen, R. N. [Purulent arthritis after blockade treatment]. <i>Ugeskrift for Laeger</i> . 1993;155(31):2414-5. | Not in English |
| Sveticic, G., Gentilini, A., Eichenberger, U., Zanderigo, E., Sartori, V., Luginbuhl, M., Curatolo, M. Combinations of bupivacaine, fentanyl, and clonidine for lumbar epidural postoperative analgesia: a novel optimization procedure. <i>Anesthesiology</i> . 2004;101(6):1381-93. | Not intervention of interest |
| Sylvester, L. N., Goree, J. H. Genicular Radiofrequency Ablation for Treatment of Post Total Knee Arthroplasty Posterior Thigh Pain: A Case Report. <i>A & A Case Reports</i> . 2017;9(10):292-293. | Observational study n < 10 |
| Szeinfeld, M., Saucedo, R., Pallares, V. S. Causalgia of vascular etiology following an abdominal injury. <i>Anesthesiology</i> . 1982;57(1):46-7. | Not intervention of interest |
| Tabadar, S., Shrestha, B. R., Maharjan, S. K. Three in one block for unilateral knee arthrotomy in an old lady. <i>Kathmandu University Medical Journal</i> . 2003;1(2):141-3. | Not intervention of interest |
| Taboada Muniz, M., Alvarez Escudero, J., Carceller, J., Rodriguez, J., Rodriguez Forja, M. J., Cortes, J., Atanassoff, P. G. [Sciatic nerve block by the lateral route at the level of the popliteal fossa with 0.75% ropivacaine: advantages of a more proximal approach]. <i>Revista Espanola de Anestesiologia y Reanimacion</i> . 2003;50(7):340-5. | Not intervention of interest |
| Taboada Muniz, M., Rodriguez, J., Alvarez Escudero, J., Cortes, J., Atanassoff, P. G. [Peripheral nerve block for surgical anesthesia and postoperative analgesia of the legs]. <i>Revista Espanola de Anestesiologia y Reanimacion</i> . 2003;50(10):510-20. | Not intervention of interest |
| Taboada, M., Cortes, J., Rodriguez, J., Ulloa, B., Alvarez, J., Atanassoff, P. G. Lateral approach to the sciatic nerve in the popliteal fossa: a comparison | Not intervention of interest |

| Reference | Exclusion Reason |
|--|------------------------------|
| between 1.5% mepivacaine and 0.75% ropivacaine. <i>Regional Anesthesia & Pain Medicine</i> . 2003;28(6):516-20. | |
| Taboada, M., Rodriguez, J., Bermudez, M., Valino, C., Ulloa, B., Aneiros, F., Gude, F., Cortes, J., Alvarez, J., Atanassoff, P. G. A "new" automated bolus technique for continuous popliteal block: a prospective, randomized comparison with a continuous infusion technique. <i>Anesthesia and analgesia</i> . 2008;107(4):1433-1437. | Not intervention of interest |
| Taboada, M., Rodriguez, J., Valino, C., Vazquez, M., Laya, A., Garea, M., Carceller, J., Alvarez, J., Atanassoff, V., Atanassoff, P. G. A prospective, randomized comparison between the popliteal and subgluteal approaches for continuous sciatic nerve block with stimulating catheters. <i>Anesthesia and analgesia</i> . 2006;103(1):244-7. | Not intervention of interest |
| Taheri, A., Hatami, M., Dashti, M., Khajehnasiri, A., Ghajarzadeh, M. Effect of Ultrasound-Guided Subsartorial Approach for Saphenous Nerve Block in Cases with Saphenous Nerve Entrapment in Adductor Canal for Controlling Chronic Knee Pain. <i>Middle East Journal of Anesthesiology</i> . 2015;23(1):25-8. | Not intervention of interest |
| Tajiri, K., Takahashi, K., Ikeda, K., Tomita, K. Common peroneal nerve block for sciatica. <i>Clinical Orthopaedics & Related Research</i> . 1998; (347):203-7. | Not intervention of interest |
| Takada, T., Yamashita, A., Date, A., Yanase, M., Suhara, Y., Hamada, A., Sakai, H., Ikegami, D., Iseki, M., Inada, E., Narita, M. Changes in the circadian rhythm of mRNA expression for micro-opioid receptors in the periaqueductal gray under a neuropathic pain-like state. <i>Synapse</i> . 2013;67(5):216-23. | Not appropriate population |
| Takahashi, K., Hashimoto, S., Kurosaki, H., Kato, K., Majima, T., Shindo, Y., Watanabe, H., Mochizuki, Y., Takai, S. A pilot study comparing the efficacy of radiofrequency and microwave diathermy in combination with intra-articular injection of hyaluronic acid in knee osteoarthritis. <i>Journal of Physical Therapy Science</i> . 2016;28(2):525-9. | Not intervention of interest |
| Takekawa, K. [Case of acute pain of herpes zoster with preceding immobility of the shoulder]. <i>Masui - Japanese Journal of Anesthesiology</i> . 2012;61(7):752-4. | Not intervention of interest |
| Takemura, Y., Yamashita, A., Horiuchi, H., Furuya, M., Yanase, M., Niikura, K., Imai, S., Hatakeyama, N., Kinoshita, H., Tsukiyama, Y., Senba, E., Matoba, M., Kuzumaki, N., Yamazaki, M., Suzuki, T., Narita, M. Effects of gabapentin on brain hyperactivity related to pain and sleep disturbance under a neuropathic pain-like state using fMRI and brain wave analysis. <i>Synapse</i> . 2011;65(7):668-76. | Not intervention of interest |
| Takimoto, K., Nishijima, K., Ono, M. Serratus Plane Block for Persistent Pain after Partial Mastectomy and Axillary Node Dissection. <i>Pain Physician</i> . 2016;19(3):E481-6. | Not intervention of interest |

| Reference | Exclusion Reason |
|---|------------------------------|
| Tammam, T. F. Ultrasound-guided sciatic nerve block: a comparison between four different infragluteal probe and needle alignment approaches. <i>Journal of Anesthesia</i> . 2014;28(4):532-7. | Not intervention of interest |
| Tamosiunas, R., Gudas, R., Karbonskiene, A., Marchertiene, I. [Bupivacaine for continuous interscalene brachial plexus analgesia after shoulder surgery]. <i>Medicina (Kaunas, Lithuania)</i> . 2004;40(4):351-7. | Not intervention of interest |
| Tamosiunas, R., Marchertiene, I., Skikas, L. [Interscalene brachial plexus block for shoulder surgery]. <i>Medicina (Kaunas, Lithuania)</i> . 2004;40(7):644-9. | Not intervention of interest |
| Tan, S. M., Pay, L. L., Chan, S. T. Intravenous regional anaesthesia using lignocaine and tramadol. <i>Annals of the Academy of Medicine, Singapore</i> . 2001;30(5):516-9. | Not intervention of interest |
| Tandoc, M. N., Fan, L., Kolesnikov, S., Kruglov, A., Nader, N. D. Adjuvant dexamethasone with bupivacaine prolongs the duration of interscalene block: a prospective randomized trial. <i>Journal of Anesthesia</i> . 2011;25(5):704-9. | Not intervention of interest |
| Tang, Q., Li, X., Yu, L., Hao, Y., Lu, G. Preoperative ropivacaine with or without tramadol for femoral nerve block in total knee arthroplasty. <i>Journal of Orthopaedic Surgery</i> . 2016;24(2):183-7. | Not intervention of interest |
| Tanikawa, H., Harato, K., Ogawa, R., Sato, T., Kobayashi, S., Nomoto, S., Niki, Y., Okuma, K. Local infiltration of analgesia and sciatic nerve block provide similar pain relief after total knee arthroplasty. <i>Journal of orthopaedic surgery and research</i> . 2017;12(1):109. | Not intervention of interest |
| Tanikawa, H., Sato, T., Nagafuchi, M., Takeda, K., Oshida, J., Okuma, K. Comparison of local infiltration of analgesia and sciatic nerve block in addition to femoral nerve block for total knee arthroplasty. <i>Journal of Arthroplasty</i> . 2014;29(12):2462-7. | Not intervention of interest |
| Tarkkila, P., Tuominen, M., Huhtala, J., Lindgren, L. Comparison of intrathecal morphine and continuous femoral 3-in-1 block for pain after major knee surgery under spinal anaesthesia. <i>European Journal of Anaesthesiology</i> . 1998;15(1):6-9. | Not intervention of interest |
| Taskaynatan, M. A., Ozgul, A., Aydemir, K., Koroglu, O. O., Tan, A. K. Accuracy of ultrasound-guided suprascapular nerve block measured with neurostimulation. <i>Rheumatology International</i> . 2012;32(7):2125-8. | Not intervention of interest |
| Taskaynatan, M. A., Ozgul, A., Tan, A. K., Dincer, K., Kalyon, T. A. Bier block with methylprednisolone and lidocaine in CRPS type I: a randomized, double-blinded, placebo-controlled study. <i>Regional Anesthesia & Pain Medicine</i> . 2004;29(5):408-12. | Not intervention of interest |

| Reference | Exclusion Reason |
|--|------------------------------|
| Taub, A., Robinson, F., Taub, E. Dorsal root ganglionectomy for intractable monoradicular sciatica. A series of 61 patients. <i>Stereotactic & Functional Neurosurgery</i> . 1995;65(1-4):106-10. | Not intervention of interest |
| Taverner, M. G., Ward, T. L., Loughnan, T. E. Transcutaneous pulsed radiofrequency treatment in patients with painful knee awaiting total knee joint replacement. <i>Clinical Journal of Pain</i> . 2010;26(5):429-32. | Not intervention of interest |
| Tavernier, L. Surgical treatment of degenerative arthritis of the hip; articular denervation. <i>Rheumatism</i> . 1948;4(1):176-9. | No outcome of interest |
| Tay, K. S., Ng, Y. C., Singh, I. R., Chong, K. W. Open technique is more effective than percutaneous technique for TOPAZ radiofrequency coblation for plantar fasciitis. <i>Journal of Foot & Ankle Surgery</i> . 2012;18(4):287-92. | Not intervention of interest |
| Teasell, R. W., Potter, P., Moulin, D. Reflex sympathetic dystrophy involving three limbs: a case study. <i>Archives of Physical Medicine & Rehabilitation</i> . 1994;75(9):1008-10. | Not intervention of interest |
| Tenenbaum, S., Arzi, H., Shabshin, N., Liberman, B., Caspi, I. Selective computed tomography-guided perisciatic injection as a diagnostic tool in multiple hereditary exostoses. <i>Orthopedics</i> . 2012;35(9):e1446-8. | Not intervention of interest |
| ter Horst, S. A., Vanhoenacker, F. M., Kroon, H. M. A challenging cause of mono-arthritis of the ankle. <i>Jbr-Btr: Organe de la Societe Royale Belge de Radiologie</i> . 2012;95(2):113-4. | Not intervention of interest |
| Ter Meulen, B. C., Rath, J. J. Motor radiculopathy caused by varicella zoster virus without skin lesions ('zoster sine herpete'). <i>Clinical Neurology & Neurosurgery</i> . 2010;112(10):933. | Not intervention of interest |
| ter Meulen, D. P., van Deurzen, D. F., van der Linde, J. A., van den Bekerom, M. P. Chondrotoxic effects of intra-articular anesthetics in pediatric shoulders. <i>Pediatric Emergency Care</i> . 2014;30(9):675. | Not intervention of interest |
| Terrier, G., Ranoux, D., Bourzeix, J. V., Grouille, D. Continuous nerve blocks in the management of bone pain due to compression by cancer metastasis: place in palliative care units. <i>Journal of Palliative Care</i> . 2008;24(3):190-1. | Not intervention of interest |
| Tetzlaff, J. E., Walsh, M., Yoon, H. J. pH adjustment of mepivacaine decreases the incidence of tourniquet pain during axillary brachial plexus anaesthesia. <i>Canadian Journal of Anaesthesia</i> . 1993;40(2):133-6. | Not intervention of interest |
| Tezel, O., Kaldirim, U., Bilgic, S., Deniz, S., Eyi, Y. E., Ozyurek, S., Durusu, M., Tezel, N. A comparison of suprascapular nerve block and procedural sedation analgesia in shoulder dislocation reduction. <i>American Journal of Emergency Medicine</i> . 2014;32(6):549-52. | Not intervention of interest |

| Reference | Exclusion Reason |
|--|------------------------------|
| Thackeray, A., Fritz, J. M., Brennan, G. P., Zaman, F. M., Willick, S. E. A pilot study examining the effectiveness of physical therapy as an adjunct to selective nerve root block in the treatment of lumbar radicular pain from disk herniation: a randomized controlled trial. <i>Physical Therapy</i> . 2010;90(12):1717-29. | Not intervention of interest |
| Thackeray, E. M., Swenson, J. D., Gertsch, M. C., Phillips, K. M., Steele, J. W., Burks, R. T., Tashjian, R. Z., Greis, P. E. Diaphragm function after interscalene brachial plexus block: a double-blind, randomized comparison of 0.25% and 0.125% bupivacaine. <i>Journal of Shoulder & Elbow Surgery</i> . 2013;22(3):381-6. | Not intervention of interest |
| Thapa, D., Ahuja, V., Gomabar, S. Pain Relief Following Shoulder Arthroscopy In Patients Receiving Preoperative Stellate Ganglion Block-- Some More Facts!. <i>Pain Physician</i> . 2015;18(5):E935-6. | Not intervention of interest |
| Thapa, D., Ahuja, V., Verma, P., Dass, C. Extra articular management of knee osteoarthritis pain. <i>Pain Medicine</i> . 2015;16(9):1846-7. | Publication type |
| Theodosiadis, P., Sachinis, N., Goroszeniuk, T., Grosomanidis, V., Chalidis, B. Ropivacaine versus bupivacaine for 3-in-1 block during total knee arthroplasty. <i>Journal of Orthopaedic Surgery</i> . 2013;21(3):300-4. | Not intervention of interest |
| Theroux, M. C., Dixit, D., Brislin, R., Como-Fluero, S., Sacks, K. Axillary catheter for brachial plexus analgesia in children for postoperative pain control and rigorous physiotherapy - a simple and effective procedure. <i>Paediatric Anaesthesia</i> . 2007;17(3):302-3. | Not intervention of interest |
| Thibaudeau, S., Serebrakian, A. T., Gerety, P. A., Levin, L. S. An Algorithmic Approach to the Surgical Treatment of Chronic Ischemia of the Hand: A Systematic Review of the Literature. <i>Plastic & Reconstructive Surgery</i> . 2016;137(5):818e-28e. | Not appropriate population |
| Thimineur, M. A., Saberski, L. Complex regional pain syndrome type I (RSD) or peripheral mononeuropathy? A discussion of three cases. <i>Clinical Journal of Pain</i> . 1996;12(2):145-50. | Publication type |
| Thistle, H. G. Neck and shoulder pain: evaluation and conservative management. <i>Medical Clinics of North America</i> . 1969;53(3):511-24. | Not intervention of interest |
| Thomson, S. Long-term indwelling catheter for intermittent axillary plexus blocks with bupivacaine. <i>Anaesthesia & Intensive Care</i> . 1990;18(2):276-7. | Not intervention of interest |
| Thornton, K. L., Sacks, M. D., Hall, R., Bingham, R. Comparison of 0.2% ropivacaine and 0.25% bupivacaine for axillary brachial plexus blocks in paediatric hand surgery. <i>Paediatric Anaesthesia</i> . 2003;13(5):409-12. | Not intervention of interest |
| Thurber, C. M., Benjamin, K. J., Haber, G. R., Mixon, E. E., Shuman, C. J. Post-traumatic reflex sympathetic dystrophy. <i>Journal of Foot Surgery</i> . 1983;22(4):349-52. | Not intervention of interest |

| Reference | Exclusion Reason |
|--|---|
| Tierney, E., Lewis, G., Hurtig, J. B., Johnson, D. Femoral nerve block with bupivacaine 0.25 per cent for postoperative analgesia after open knee surgery. <i>Canadian Journal of Anaesthesia</i> . 1987;34(5):455-8. | Not intervention of interest |
| Tinnirello, A., Todeschini, M., Pezzola, D., Barbieri, S. Pulsed Radiofrequency Application on Femoral and Obturator Nerves for Hip Joint Pain: Retrospective Analysis with 12-Month Follow-up Results. <i>Pain Physician</i> . 2018;21(4):407-414. | Observational study of harms, excluded because no evidence for the intervention |
| Tkachenko, S. S., Rutsikii, V. V., Leskov, N. I., Tikhilov, R. M., Nelin, N. I. [Results of using decompression, denervation and fenestration (DDF) in the treatment of patients with coxarthrosis of different etiologies]. <i>Ortopediia Travmatologiya i Protezirovaniye</i> . 1990; (2):30-5. | Not in English |
| Toakley, J. G. Subcutaneous lumbar "rhizolysis"--an assessment of 200 cases. <i>Medical Journal of Australia</i> . 1973;2(10):490-2. | Not intervention of interest |
| Toda, K., Muneshige, H., Asou, T. Intravenous regional block with lidocaine for treatment of complex regional pain syndrome. <i>Clinical Journal of Pain</i> . 2006;22(2):222-4. | Not intervention of interest |
| Todorov, L. Pulsed radiofrequency of the sural nerve for the treatment of chronic ankle pain. <i>Pain Physician</i> . 2011;14(3):301-4. | Observational study n < 10 |
| Toivonen, J., Pitko, V. M., Rosenberg, P. H. Etoricoxib pre-medication combined with intra-operative subacromial block for pain after arthroscopic acromioplasty. <i>Acta Anaesthesiologica Scandinavica</i> . 2007;51(3):316-21. | Not intervention of interest |
| Tomlinson, L. Case study to illustrate a multidisciplinary approach to a case of critical limb ischaemia and the role of chemical lumbar sympathectomy. <i>Journal of Tissue Viability</i> . 2000;10(4):140-3. | Publication type |
| Tomulescu, V., Stanescu, C., Kosa, A., Sgarbura, O., Baila, S. [Thoracoscopic sympathectomy for vascular disorders of the upper limbs: preliminary results]. <i>Chirurgia (Bucuresti)</i> . 2007;102(4):411-3. | Not in English |
| Tonomura, H., Takahashi, K. A., Mazda, O., Arai, Y., Shin-Ya, M., Inoue, A., Honjo, K., Hojo, T., Imanishi, J., Kubo, T. Effects of heat stimulation via microwave applicator on cartilage matrix gene and HSP70 expression in the rabbit knee joint. <i>Journal of Orthopaedic Research</i> . 2008;26(1):34-41. | Not appropriate population |
| Toshniwal, G., Sunder, R., Thomas, R., Dureja, G. P. Management of complex regional pain syndrome type I in upper extremity-evaluation of continuous stellate ganglion block and continuous infraclavicular brachial plexus block: a pilot study. <i>Pain Medicine</i> . 2012;13(1):96-106. | Not intervention of interest |
| Tountas, A. A., Noguchi, A. Treatment of posttraumatic reflex sympathetic dystrophy syndrome (RSDS) with intravenous blocks of a mixture of | Not intervention of interest |

| Reference | Exclusion Reason |
|--|------------------------------|
| corticosteroid and lidocaine: a retrospective review of 17 consecutive cases. <i>Journal of Orthopaedic Trauma</i> . 1991;5(4):412-9. | |
| Touray, S. T., de Leeuw, M. A., Zuurmond, W. W., Perez, R. S. Psoas compartment block for lower extremity surgery: a meta-analysis. <i>British Journal of Anaesthesia</i> . 2008;101(6):750-60. | Not intervention of interest |
| Tracy, G. D. Prolonged disability after compensable injury. <i>Medical Journal of Australia</i> . 1972;2(23):1305-7. | Not intervention of interest |
| Trainer, N., Bowser, B. L., Dahm, L. Obturator nerve block for painful hip in adult cerebral palsy. <i>Archives of Physical Medicine & Rehabilitation</i> . 1986;67(11):829-30. | Not intervention of interest |
| Tran, D. Q., Bertini, P., Zaouter, C., Munoz, L., Finlayson, R. J. A prospective, randomized comparison between single- and double-injection ultrasound-guided infraclavicular brachial plexus block. <i>Regional Anesthesia & Pain Medicine</i> . 2010;35(1):16-21. | Not intervention of interest |
| Tran, D. Q., Clemente, A., Tran, D. Q., Finlayson, R. J. A comparison between ultrasound-guided infraclavicular block using the "double bubble" sign and neurostimulation-guided axillary block. <i>Anesthesia & Analgesia</i> . 2008;107(3):1075-8. | Not intervention of interest |
| Tran, D. Q., Dugani, S., Finlayson, R. J. Perineural catheters: ultrasound guidance or assistance?. <i>Regional Anesthesia & Pain Medicine</i> . 2011;36(4):414-5. | Not intervention of interest |
| Tran, D. Q., Elgueta, M. F., Aliste, J., Finlayson, R. J. Diaphragm-Sparing Nerve Blocks for Shoulder Surgery. <i>Regional Anesthesia & Pain Medicine</i> . 2017;42(1):32-38. | Not intervention of interest |
| Tran, D. Q., Finlayson, R. J. Reply to Drs Valdes-Vilches and Sanchez-del Aguila. <i>Regional Anesthesia & Pain Medicine</i> . 2014;39(3):259-60. | Publication type |
| Tran, D. Q., Gonzalez, A. P., Bernucci, F., Pham, K., Finlayson, R. J. A randomized comparison between bifurcation and prebifurcation subparaneural popliteal sciatic nerve blocks. <i>Anesthesia and analgesia</i> . 2013;116(5):1170-1175. | Not intervention of interest |
| Tran, D. Q., Munoz, L., Zaouter, C., Russo, G., Finlayson, R. J. A prospective, randomized comparison between single- and double-injection, ultrasound-guided supraclavicular brachial plexus block. <i>Regional Anesthesia & Pain Medicine</i> . 2009;34(5):420-4. | Not intervention of interest |
| Tran, D. Q., Pham, K., Dugani, S., Finlayson, R. J. A prospective, randomized comparison between double-, triple-, and quadruple-injection ultrasound-guided axillary brachial plexus block. <i>Regional Anesthesia & Pain Medicine</i> . 2012;37(3):248-53. | Not intervention of interest |

| Reference | Exclusion Reason |
|---|------------------------------|
| Tran, D. Q., Russo, G., Munoz, L., Zaouter, C., Finlayson, R. J. A prospective, randomized comparison between ultrasound-guided supraclavicular, infraclavicular, and axillary brachial plexus blocks. <i>Regional Anesthesia & Pain Medicine</i> . 2009;34(4):366-71. | Not intervention of interest |
| Tran, D. Q., Tiyaprasertkul, W., Gonzalez, A. P. Analgesia for clavicular fracture and surgery: a call for evidence. <i>Regional Anesthesia & Pain Medicine</i> . 2013;38(6):539-43. | Not intervention of interest |
| Tran, K. M., Frank, S. M., Raja, S. N., El-Rahmany, H. K., Kim, L. J., Vu, B. Lumbar sympathetic block for sympathetically maintained pain: changes in cutaneous temperatures and pain perception. <i>Anesthesia & Analgesia</i> . 2000;90(6):1396-401. | Not intervention of interest |
| Tran, K. M., Ganley, T. J., Wells, L., Ganesh, A., Minger, K. I., Cucchiaro, G. Intraarticular bupivacaine-clonidine-morphine versus femoral-sciatic nerve block in pediatric patients undergoing anterior cruciate ligament reconstruction. <i>Anesthesia and analgesia</i> . 2005;101(5):1304-1310. | Not intervention of interest |
| Tran, Q. D., Gordon, A., Asenjo, J. F., de la Cuadra-Fontaine, J. C. Retained and cut stimulating infraclavicular catheter. <i>Canadian Journal of Anaesthesia</i> . 2005;52(9):998-9. | Not intervention of interest |
| Triado, V. D., Crespo, M. T., Aguilar, J. L., Atanassoff, P. G., Palanca, J. M., Moro, B. A comparison of lateral popliteal versus lateral midfemoral sciatic nerve blockade using ropivacaine 0.5%. <i>Regional Anesthesia & Pain Medicine</i> . 2004;29(1):23-7. | Not intervention of interest |
| Trifa, M., Ben Khalifa, S., Jendoubi, A., Zribi, N., Regaya, T., Engelhardt, T. Clonidine does not improve quality of ropivacaine axillary brachial plexus block in children. <i>Paediatric Anaesthesia</i> . 2012;22(5):425-9. | Not intervention of interest |
| Trifa, M., Engelhardt, T., Ben Khalifa, S. The addition of clonidine to bupivacaine in saphenous/sciatic nerve blocks in children. <i>Paediatric anaesthesia</i> . 2016;26(3):321-322. | Not intervention of interest |
| Trigaux, J. P., Decoene, B., Van Beers, B. Focal necrosis of the ureter following CT-guided chemical sympathectomy. <i>Cardiovascular & Interventional Radiology</i> . 1992;15(3):180-2. | Not appropriate population |
| Troeger, H. [Prophylaxis of CRPS I and recurrent CRPS I]. <i>Handchirurgie, Mikrochirurgie, Plastische Chirurgie</i> . 2011;43(1):25-31. | Publication type |
| Trompeter, A., Camilleri, G., Narang, K., Hauf, W., Venn, R. Analgesia requirements after interscalene block for shoulder arthroscopy: the 5 days following surgery. <i>Archives of Orthopaedic & Trauma Surgery</i> . 2010;130(3):417-21. | Not intervention of interest |
| Troyer, H. Experimental models of osteoarthritis: a review. <i>Seminars in Arthritis & Rheumatism</i> . 1982;11(3):362-74. | Not intervention of interest |

| Reference | Exclusion Reason |
|---|------------------------------|
| Tryba, M., Borner, P. [Clinical effectiveness and systemic toxicity of various mixtures of prilocaine and bupivacaine in axillary plexus block]. <i>Regional Anaesthesia</i> . 1988;11(2):40-9. | Not intervention of interest |
| Tsai, P. B., Karnwal, A., Kakazu, C., Tokhner, V., Julka, I. S. Efficacy of an ultrasound-guided subsartorial approach to saphenous nerve block: a case series. <i>Canadian Journal of Anaesthesia</i> . 2010;57(7):683-8. | Not intervention of interest |
| Tschaikowsky, K., Hemmerling, T. Comparison of the effect of EMLA and semicircular subcutaneous anaesthesia in the prevention of tourniquet pain during plexus block anaesthesia of the arm. <i>Anaesthesia</i> . 1998;53(4):390-3. | Not intervention of interest |
| Tsou, H. K., Chao, S. C., Wang, C. J., Chen, H. T., Shen, C. C., Lee, H. T., Tsuei, Y. S. Percutaneous pulsed radiofrequency applied to the L-2 dorsal root ganglion for treatment of chronic low-back pain: 3-year experience. <i>Journal of Neurosurgery Spine</i> . 2010;12(2):190-6. | Not intervention of interest |
| Tsui, B. C., Kropelin, B., Ganapathy, S., Finucane, B. Dextrose 5% in water: fluid medium for maintaining electrical stimulation of peripheral nerves during stimulating catheter placement. <i>Acta Anaesthesiologica Scandinavica</i> . 2005;49(10):1562-5. | Not intervention of interest |
| Tucker, C. J., Kirk, K. L., Ficke, J. R. Posterior thigh abscess as a complication of continuous popliteal nerve catheter. <i>American Journal of Orthopedics (Chatham, Nj)</i> . 2010;39(3):E25-7. | Not intervention of interest |
| Tumber, P. S., Bhatia, A., Chan, V. W. Ultrasound-guided lateral femoral cutaneous nerve block for meralgia paresthetica. <i>Anesthesia & Analgesia</i> . 2008;106(3):1021-2. | Not intervention of interest |
| Tuncer, S., Aksu, N., Isiklar, U. Delayed rupture of the extensor hallucis longus and extensor digitorum communis tendons after breaching the anterior capsule with a radiofrequency probe during ankle arthroscopy: a case report. <i>Journal of Foot & Ankle Surgery</i> . 2010;49(5):490.e1-3. | Publication type |
| Turan, A., Memis, D., Karamanlioglu, B., Guler, T., Pamukcu, Z. Intravenous regional anesthesia using lidocaine and magnesium. <i>Anesthesia & Analgesia</i> . 2005;100(4):1189-92. | Not intervention of interest |
| Turgut, M., Bolukbasi, O., Akyol, A. Chemical sympathectomy in the relief of persistent sympathetic pain after carpal tunnel release. A case report. <i>Journal of Neurosurgical Sciences</i> . 1999;43(3):191-3; discussion 194. | Not appropriate study design |
| Ueshima, H., Otake, H. Lower limb amputations performed with anterior quadratus lumborum block and sciatic nerve block. <i>Journal of Clinical Anesthesia</i> . 2017;37 :145. | Not intervention of interest |

| Reference | Exclusion Reason |
|---|------------------------------|
| Uesugi, K., Kitano, N., Kikuchi, T., Sekiguchi, M., Konno, S. Comparison of peripheral nerve block with periarticular injection analgesia after total knee arthroplasty: a randomized, controlled study. <i>Knee</i> . 2014;21(4):848-52. | Not intervention of interest |
| Uhrbrand, B., Jensen, T. T., Bendixen, D. K., Hartmann-Andersen, J. F. Perioperative analgesia by 3-in-one block in total hip arthroplasty. Prospective randomized blind study. <i>Acta Orthopaedica Belgica</i> . 1992;58(4):417-9. | Not intervention of interest |
| Ullah, H., Samad, K., Khan, F. A. Continuous interscalene brachial plexus block versus parenteral analgesia for postoperative pain relief after major shoulder surgery. <i>Cochrane Database of Systematic Reviews</i> . 2014; (2):CD007080. | Not intervention of interest |
| Underhill, T. J., Wan, A., Morrice, M. Interscalene brachial plexus blocks in the management of shoulder dislocations. <i>Archives of Emergency Medicine</i> . 1989;6(3):199-204. | Not intervention of interest |
| Uppal, H. S., Gwilym, S. E., Crawford, E. J., Birch, R. Sciatic nerve injury caused by pre-operative intraneural injection of local anaesthetic during total hip replacement. <i>Journal of Bone & Joint Surgery - British Volume</i> . 2007;89(2):242-3. | Not intervention of interest |
| Uquillas, C. A., Capogna, B. M., Rossy, W. H., Mahure, S. A., Rokito, A. S. Postoperative pain control after arthroscopic rotator cuff repair. <i>Journal of Shoulder & Elbow Surgery</i> . 2016;25(7):1204-13. | Not intervention of interest |
| Urban, L., Perkins, M. N., Campbell, E., Dray, A. Activity of deep dorsal horn neurons in the anaesthetized rat during hyperalgesia of the hindpaw induced by ultraviolet irradiation. <i>Neuroscience</i> . 1993;57(1):167-72. | Not appropriate population |
| Uribe, J. W. Spontaneous osteonecrosis of the knee (SONK) developing as a possible consequence of the use of radiofrequency is misleading and illogical. <i>Arthroscopy</i> . 2004;20(8):895; author reply 895-6. | Publication type |
| Urmey, W. F., Stanton, J. Inability to consistently elicit a motor response following sensory paresthesia during interscalene block administration. <i>Anesthesiology</i> . 2002;96(3):552-4. | Not intervention of interest |
| Urschel, H. C., Jr., Razzuk, M. A. The failed operation for thoracic outlet syndrome: the difficulty of diagnosis and management. <i>Annals of Thoracic Surgery</i> . 1986;42(5):523-8. | Not intervention of interest |
| Uzel, A. P., Steinmann, G. Thigh compartment syndrome after intramedullary femoral nailing: possible femoral nerve block influence on diagnosis timing. <i>Orthopaedics & traumatology, surgery & research</i> . 2009;95(4):309-13. | Not intervention of interest |

| Reference | Exclusion Reason |
|---|------------------------------|
| Vadoud-Seyedi, J., Heenen, M., Simonart, T. Treatment of idiopathic palmar hyperhidrosis with botulinum toxin. Report of 23 cases and review of the literature. <i>Dermatology</i> . 2001;203(4):318-21. | Not appropriate population |
| Vagner, E. A., Matveev, A. T., Zaugol'nikov, V. S. [A rare complication of regional anesthesia]. <i>Anesteziologiya i Reanimatologiya</i> . 1989; (2):64-6. | Not intervention of interest |
| Valdes-Vilches, L. F., Sanchez-del Aguila, M. J. Anesthesia for clavicular fracture: selective supraclavicular nerve block is the key. <i>Regional Anesthesia & Pain Medicine</i> . 2014;39(3):258-9. | Not intervention of interest |
| Valvano, M. N., Leffler, S. Comparison of bupivacaine and lidocaine/bupivacaine for local anesthesia/digital nerve block. <i>Annals of Emergency Medicine</i> . 1996;27(4):490-2. | Not intervention of interest |
| van den Heuvel, I., Gottschalk, A., Langer, M., Hahnenkamp, K., Ellger, B. Feasibility, efficacy, and safety of ultrasound-guided axillary plexus blockade in pediatric patients with epidermolysis bullosa dystrophica. <i>Paediatric Anaesthesia</i> . 2016;26(4):405-8. | Not intervention of interest |
| van Dongen, R. T., Samwel, H., Arnts, I. J., Steegers, M. A., Joosten, E. A., van Kleef, M. [Neuromodulation in severe neuropathic pain]. <i>Nederlands Tijdschrift voor Geneeskunde</i> . 2015;160 :A9704. | Not intervention of interest |
| van Geffen, G. J., Gielen, M. Ultrasound-guided subgluteal sciatic nerve blocks with stimulating catheters in children: a descriptive study. <i>Anesthesia & Analgesia</i> . 2006;103(2):328-33, table of contents. | Not intervention of interest |
| van Geffen, G. J., Scheuer, M., Muller, A., Garderniers, J., Gielen, M. Ultrasound-guided bilateral continuous sciatic nerve blocks with stimulating catheters for postoperative pain relief after bilateral lower limb amputations. <i>Anaesthesia</i> . 2006;61(12):1204-7. | Not intervention of interest |
| van Geffen, G. J., van den Broek, E., Braak, G. J., Giele, J. L., Gielen, M. J., Scheffer, G. J. A prospective randomised controlled trial of ultrasound guided versus nerve stimulation guided distal sciatic nerve block at the popliteal fossa. <i>Anaesthesia & Intensive Care</i> . 2009;37(1):32-7. | Not intervention of interest |
| van Jonbergen, H. P., Scholtes, V. A., Poolman, R. W. A randomised, controlled trial of circumpatellar electrocautery in total knee replacement without patellar resurfacing: a concise follow-up at a mean of 3.7 years. <i>Bone & Joint Journal</i> . 2014;96-B(4):473-8. | Not intervention of interest |
| van Tulder, M. W., Koes, B., Seitsalo, S., Malmivaara, A. Outcome of invasive treatment modalities on back pain and sciatica: an evidence-based review. <i>European Spine Journal</i> . 2006;15 Suppl 1 :S82-92. | Not intervention of interest |
| van Wijk, R. M., Geurts, J. W., Lousberg, R., Wynne, H. J., Hammink, E., Knape, J. T., Groen, G. J. Psychological predictors of substantial pain | Not intervention of interest |

| Reference | Exclusion Reason |
|---|------------------------------|
| reduction after minimally invasive radiofrequency and injection treatments for chronic low back pain. <i>Pain Medicine</i> . 2008;9(2):212-21. | |
| Vanarase, M. Y., Pandit, H., Kimstra, Y. W., Dodd, C. A., Popat, M. T. Pain relief after knee replacement in patients with a bleeding disorder. <i>Haemophilia</i> . 2007;13(4):395-7. | Not intervention of interest |
| Vandam, L. D. Sciatica and the cerebrospinal fluid. <i>Anesthesia & Analgesia</i> . 1989;69(2):261-2. | Not intervention of interest |
| Vanderlinden, R. G. Subarticular entrapment of the dorsal root ganglion as a cause of sciatic pain. <i>Spine</i> . 1984;9(1):19-22. | Not intervention of interest |
| Vangsness, C. T., Jr. Radiofrequency use on articular cartilage lesions. <i>Orthopedic Clinics of North America</i> . 2005;36(4):427-31. | Publication type |
| Vankka, E. Study on arteriosclerotics undergoing amputations. Including pre- and postoperative periods. <i>Acta Orthopaedica Scandinavica</i> . 1967;:Suppl 104:1+. | Not intervention of interest |
| Vas, L., Pai, R. Successful reversal of complex regional pain syndrome type 1 of both upper extremities in five patients. <i>Pain Medicine</i> . 2012;13(9):1253-6. | Publication type |
| Vas, L., Pai, R., Khandagale, N., Pattnaik, M. Pulsed radiofrequency of the composite nerve supply to the knee joint as a new technique for relieving osteoarthritic pain: a preliminary report. <i>Pain Physician</i> . 2014;17(6):493-506. | No outcome of interest |
| Vassiliou, T., Muller, H. H., Ellert, A., Wallot, P., Kwee, K. M., Beyerle, M., Eberhart, L., Wulf, H., Steinfeldt, T. High- versus low-stimulation current threshold for axillary plexus blocks: a prospective randomized triple-blinded noninferiority trial in 205 patients. <i>Anesthesia & Analgesia</i> . 2013;116(1):247-54. | Not intervention of interest |
| Vaz, I. M., Castro, M., Cabete, S., Rocha, J. A., Brito, I. [Hip pain in young adults - a case report and review of the literature]. <i>Acta Reumatologica Portuguesa</i> . 2009;34(4):656-62. | Not intervention of interest |
| Velazquez-Delgado, E., Gaspar-Carrillo, S. P., Pena-Riveron, A. A., Mejia-Terrazas, G. E. Postoperative analgesia with dexmedetomidine in interscalene block. Comparative study. <i>Revista Espanola de Anestesiologia y Reanimacion</i> . 2017;64(3):137-143. | Not intervention of interest |
| Venuti, F. S., Curatolo, M., Sinardi, A. U., Santamaria, L. B., Orlando, A., Di Giandomenico, E., Maggio, G., Montanini, S. [Anesthesia for shoulder surgery. Comparison of anesthesiologic problems and technics]. <i>Minerva Anestesiologica</i> . 1989;55(10):419-22. | Not intervention of interest |
| Verelst, P., van Zundert, A. Respiratory impact of analgesic strategies for shoulder surgery. <i>Regional Anesthesia & Pain Medicine</i> . 2013;38(1):50-3. | Not intervention of interest |

| Reference | Exclusion Reason |
|--|-----------------------------------|
| Verstraete, M. A critical appraisal of lumbar sympathectomy in the treatment of organic arteriopathy. <i>Angiologica</i> . 1968;5(5):333-9. | Not appropriate population |
| Vicchio, N., Mossetti, V., Bajocco, C., Caccavale, L. G., Stella, M., Conio, A., Ivani, G. Regional anesthesia: not only pain control. <i>Paediatric Anaesthesia</i> . 2012;22(7):725-6. | Not intervention of interest |
| Viel, E. J., Perennou, D., Ripart, J., Pelissier, J., Eledjam, J. J. Neurolytic blockade of the obturator nerve for intractable spasticity of adductor thigh muscles. <i>European Journal of Pain</i> . 2002;6(2):97-104. | Not appropriate population |
| Vilensky, J. A., O'Connor, B. L., Brandt, K. D., Dunn, E. A., Rogers, P. I. Serial kinematic analysis of the canine hindlimb joints after deafferentation and anterior cruciate ligament transection. <i>Osteoarthritis & Cartilage</i> . 1997;5(3):173-82. | Not appropriate population |
| Vilensky, J. A., O'Connor, B. L., Brandt, K. D., Dunn, E. A., Rogers, P. I. Serial kinematic analysis of the canine knee after L4-S1 dorsal root ganglionectomy: implications for the cruciate deficiency model of osteoarthritis. <i>Journal of Rheumatology</i> . 1994;21(11):2113-7. | Not appropriate population |
| Visalli, F., Milza, P. G. [Our experience with spinothalamic chordotomy in severe painful syndromes of the lower extremities]. <i>Rivista di Neurologia</i> . 1977;47(1):31-40. | Not intervention of interest |
| Vles, G. F., Vles, J. S., van Kleef, M., van Zundert, J., Staal, H. M., Weber, W. E., van Rhijn, L. W., Soudant, D., Graham, H. K., de Louw, A. J. Percutaneous radiofrequency lesions adjacent to the dorsal root ganglion alleviate spasticity and pain in children with cerebral palsy: pilot study in 17 patients. <i>BMC Neurology</i> . 2010;10 :52. | Outcome data cannot be abstracted |
| Von Hellens, A. Denervation in the treatment of osteoarthritis of the hip joint. <i>Acta Chirurgica Scandinavica</i> . 1951;102(1):48-58. | Full text could not be retrieved |
| Vora, M. U., Nicholas, T. A., Kassel, C. A., Grant, S. A. Adductor canal block for knee surgical procedures: review article. <i>Journal of Clinical Anesthesia</i> . 2016;35 :295-303. | Not intervention of interest |
| Vranken, J. H., Zuurmond, W. W., de Lange, J. J. Continuous brachial plexus block as treatment for the Pancoast syndrome. <i>Clinical Journal of Pain</i> . 2000;16(4):327-33. | Publication type |
| Wada, T., Yamauchi, M., Oki, G., Sonoda, T., Yamakage, M., Yamashita, T. Efficacy of axillary nerve block in elbow arthroscopic surgery: a randomized trial. <i>Journal of Shoulder & Elbow Surgery</i> . 2014;23(3):291-6. | Not intervention of interest |
| Wahlig, J. B., Jr., Welch, W. C., Weigel, T. L., Luketich, J. D. Microinvasive transaxillary thoracoscopic sympathectomy: technical note. <i>Neurosurgery</i> . 2000;46(5):1254-7; discussion 1257-8. | Publication type |

| Reference | Exclusion Reason |
|--|----------------------------------|
| Wahren, L. K., Gordh, T., Jr., Torebjork, E. Effects of regional intravenous guanethidine in patients with neuralgia in the hand; a follow-up study over a decade. <i>Pain</i> . 1995;62(3):379-85. | Not intervention of interest |
| Wahren, L. K., Torebjork, E., Nystrom, B. Quantitative sensory testing before and after regional guanethidine block in patients with neuralgia in the hand. <i>Pain</i> . 1991;46(1):23-30. | Not intervention of interest |
| Waitayawinyu, T., Dodds, S. D., Niempoog, S. Dose effectiveness of transthecal digital block. <i>Journal of Hand Surgery - American Volume</i> . 2009;34(3):458-62. | Not intervention of interest |
| Wakitani, S., Imoto, K., Saito, M., Yamamoto, T., Kawabata, H. A case report: reconstruction of a damaged knee following treatment of giant cell tumor of the proximal tibia with cryosurgery and cementation. <i>Osteoarthritis & Cartilage</i> . 2002;10(5):402-7. | Not intervention of interest |
| Walega, D., Manning, D., Avram, M. Does genicular nerve radiofrequency neurolysis prior to total knee arthroplasty improve pain outcomes 6 months after surgery? a prospective randomized sham control trial. <i>Pain practice</i> . 2018;Conference: 9th world congress of the world institute of pain, WIP. 2018. Ireland 18(Supplement 1):27. | Publication type |
| Walker, L. G. Avascular necrosis of the capitate. <i>Journal of Hand Surgery - American Volume</i> . 1993;18(6):1129. | Not intervention of interest |
| Walker, S. M., Fitzgerald, M., Hathway, G. J. Surgical injury in the neonatal rat alters the adult pattern of descending modulation from the rostroventral medulla. <i>Anesthesiology</i> . 2015;122(6):1391-400. | Not appropriate population |
| Wallace, C., Giannini, E. H., Spalding, S. J., Hashkes, P., O'Neil, K. M., Zeft, A. S., Szer, I. S. Trial of early aggressive therapy in polyarticular juvenile idiopathic arthritis. <i>Arthritis and rheumatism</i> . 2011;63(10 SUPPL. 1):CONFERENCE START: 2011 Nov 4 CONFERENCE END: 2011 Nov 9. | Not intervention of interest |
| Walsh, J. A., Glynn, C. J., Cousins, M. J., Basedow, R. W. Blood flow, sympathetic activity and pain relief following lumbar sympathetic blockade or surgical sympathectomy. <i>Anaesthesia & Intensive Care</i> . 1985;13(1):18-24. | Full text could not be retrieved |
| Wang, D., Lundeberg, T., Yu, L. C. Antinociceptive role of galanin in periaqueductal grey of rats with experimentally induced mononeuropathy. <i>Neuroscience</i> . 2000;96(4):767-71. | Not appropriate population |
| Wang, J. C., Chiou, H. J., Lu, J. H., Hsu, Y. C., Chan, R. C., Yang, T. F. Ultrasound-guided perineural steroid injection to treat intractable pain due to sciatic nerve injury. <i>Canadian Journal of Anaesthesia</i> . 2013;60(9):902-6. | Not intervention of interest |

| Reference | Exclusion Reason |
|--|------------------------------|
| Wang, J. K., Johnson, K. A., Ilstrup, D. M. Sympathetic blocks for reflex sympathetic dystrophy. <i>Pain</i> . 1985;23(1):13-7. | Not intervention of interest |
| Wang, K., Zhang, H. X. Liposomal bupivacaine versus interscalene nerve block for pain control after total shoulder arthroplasty: A systematic review and meta-analysis. <i>International Journal Of Surgery</i> . 2017;46 :61-70. | Not intervention of interest |
| Wang, Z. X., Zhang, D. L., Liu, X. W., Li, Y., Zhang, X. X., Li, R. H. Efficacy of ultrasound and nerve stimulation guidance in peripheral nerve block: A systematic review and meta-analysis. <i>IUBMB Life</i> . 2017;69(9):720-734. | Not intervention of interest |
| Ward, J. P., Albert, D. B., Altman, R., Goldstein, R. Y., Cuff, G., Youm, T. Are femoral nerve blocks effective for early postoperative pain management after hip arthroscopy?. <i>Arthroscopy</i> . 2012;28(8):1064-9. | Not intervention of interest |
| Ward, M., Langley, K. J. Ultrasound guidance for brachial plexus localization with Volkmann's contracture of forearm, and decompressed compartment syndrome. <i>Regional Anesthesia & Pain Medicine</i> . 2007;32(5):464. | Not intervention of interest |
| Wardrop, P. J., Nishikawa, H. Lateral cutaneous nerve of the thigh blockade as primary anaesthesia for harvesting skin grafts. <i>British Journal of Plastic Surgery</i> . 1995;48(8):597-600. | Not intervention of interest |
| Warner, N. S., Warner, M. A., Moeschler, S. M., Hoelzer, B. C. Pain Management in Four-Limb Amputation: A Case Report. <i>Pain Practice</i> . 2015;15(7):E76-80. | Not intervention of interest |
| Warrender, W. J., Syed, U. A. M., Hammoud, S., Emper, W., Ciccotti, M. G., Abboud, J. A., Freedman, K. B. Pain Management After Outpatient Shoulder Arthroscopy: A Systematic Review of Randomized Controlled Trials. <i>American Journal of Sports Medicine</i> . 2017;45(7):1676-1686. | Not intervention of interest |
| Wassef, M. R. Phantom pain with probable reflex sympathetic dystrophy: efficacy of fentanyl infiltration of the stellate ganglion. <i>Regional Anesthesia</i> . 1997;22(3):287-90. | Not intervention of interest |
| Wassef, M. R. Suprascapular nerve block. A new approach for the management of frozen shoulder. <i>Anaesthesia</i> . 1992;47(2):120-4. | Not intervention of interest |
| Wasserlauf, B., Gossett, J., Rosenthal, D. I., Levine, W. N. Osteoid osteoma of the glenoid: minimally invasive treatment. <i>American Journal of Orthopedics (Chatham, Nj)</i> . 2003;32(8):405-7. | Not intervention of interest |
| Watanabe, T., Watanabe, I., Koizumi, M., Petrenko, A. B., Baba, H. Alternative site for median nerve blockade allowing early functional rehabilitation after hand surgery. <i>Canadian Journal of Anaesthesia</i> . 2012;59(1):58-62. | Not intervention of interest |
| Watson, M. W., Mitra, D., McLintock, T. C., Grant, S. A. Continuous versus single-injection lumbar plexus blocks: comparison of the effects on | Not intervention of interest |

| Reference | Exclusion Reason |
|---|------------------------------|
| morphine use and early recovery after total knee arthroplasty. <i>Regional anesthesia and pain medicine</i> . 2005;30(6):541-547. | |
| Watts, S. A., Sharma, D. J. Long-term neurological complications associated with surgery and peripheral nerve blockade: outcomes after 1065 consecutive blocks. <i>Anaesthesia & Intensive Care</i> . 2007;35(1):24-31. | Not intervention of interest |
| Webb, C. A., Mariano, E. R. Best multimodal analgesic protocol for total knee arthroplasty. <i>Pain Management</i> . 2015;5(3):185-96. | Not intervention of interest |
| Webb, D., Guttman, D., Cawley, P., Lubowitz, J. H. Continuous infusion of a local anesthetic versus interscalene block for postoperative pain control after arthroscopic shoulder surgery. <i>Arthroscopy</i> . 2007;23(9):1006-11. | Not intervention of interest |
| Weber, A., Fournier, R., Van Gessel, E., Gamulin, Z. Sciatic nerve block and the improvement of femoral nerve block analgesia after total knee replacement. <i>European journal of anaesthesiology</i> . 2002;19(11):834-836. | Not intervention of interest |
| Weber, G., Liao, S., Burns, M. A. Sciatic (Popliteal Fossa) Catheter for Pediatric Pain Management of Sickle Cell Crisis: A Case Report. <i>A & A Case Reports</i> . 2017;9(10):297-299. | Not intervention of interest |
| Weber, J., Ernestus, R. I. Transitional lumbosacral segment with unilateral transverse process anomaly (Castellvi type 2A) resulting in extraforaminal impingement of the spinal nerve: a pathoanatomical study of four specimens and report of two clinical cases. <i>Neurosurgical Review</i> . 2010;34(2):143-50. | Not intervention of interest |
| Weber, S. C., Jain, R. Scalene regional anesthesia for shoulder surgery in a community setting: an assessment of risk. <i>Journal of Bone & Joint Surgery - American Volume</i> . 2002;84-A(5):775-9. | Not intervention of interest |
| Weber, T., Kabelka, B. Noninvasive monopolar capacitive-coupled radiofrequency for the treatment of pain associated with lateral elbow tendinopathies: 1-year follow-up. <i>Pm & R</i> . 2012;4(3):176-81. | Not intervention of interest |
| Wechsler, R. J., Frank, E. D., Halpern, E. H., Nazarian, L. N., Jalali, S., Ratner, E. R. Percutaneous lumbar sympathetic plexus catheter placement for short- and long-term pain relief: CT technique and results. <i>Journal of Computer Assisted Tomography</i> . 1998;22(4):518-23. | Not intervention of interest |
| Wegener, J. T., van Ooij, B., van Dijk, C. N., Hollmann, M. W., Preckel, B., Stevens, M. F. Value of single-injection or continuous sciatic nerve block in addition to a continuous femoral nerve block in patients undergoing total knee arthroplasty: a prospective, randomized, controlled trial. <i>Regional anesthesia and pain medicine</i> . 2011;36(5):481-8. | Not intervention of interest |
| Wegener, J. T., van Ooij, B., van Dijk, C. N., Karayeva, S. A., Hollmann, M. W., Preckel, B., Stevens, M. F. Long-term pain and functional disability after total knee arthroplasty with and without single-injection or continuous | Not intervention of interest |

| Reference | Exclusion Reason |
|--|---|
| sciatic nerve block in addition to continuous femoral nerve block: a prospective, 1-year follow-up of a randomized controlled trial. <i>Regional Anesthesia & Pain Medicine</i> . 2013;38(1):58-63. | |
| Wehling, M. J., Koorn, R., Leddell, C., Boezaart, A. P. Electrical nerve stimulation using a stimulating catheter: what is the lower limit?. <i>Regional Anesthesia & Pain Medicine</i> . 2004;29(3):230-3. | Not intervention of interest |
| Weihrauch, J. O., Jehmlich, M., Leischik, M., Hopf, H. B. [Are peripheral nerve blocks of the leg (femoralis in combination with anterior sciatic blockade) as sole anaesthetic technique an alternative to epidural anaesthesia]. <i>Anesthesiologie, Intensivmedizin, Notfallmedizin, Schmerztherapie</i> . 2005;40(1):18-24. | Not intervention of interest |
| Weil, L. S., Sr. Painless foot surgery. <i>Journal of Foot & Ankle Surgery</i> . 1999;38(5):311-2. | Not intervention of interest |
| Weil, L., Jr., Glover, J. P., Weil, L. S., Sr. A new minimally invasive technique for treating plantar fasciitis using bipolar radiofrequency: a prospective analysis. <i>Foot & Ankle Specialist</i> . 2008;1(1):13-8. | Observational study of harms, excluded because no evidence for the intervention |
| Weinberger, A., Fadilah, R., Lev, A., Shohami, E., Pinkhas, J. Treatment of articular effusions with local deep microwave hyperthermia. <i>Clinical Rheumatology</i> . 1989;8(4):461-6. | Not intervention of interest |
| Weinstein, L. P., Berger, R. A. Analgesic benefit, functional outcome, and patient satisfaction after partial wrist denervation. <i>Journal of Hand Surgery - American Volume</i> . 2002;27(5):833-9. | No outcome of interest |
| Werhahn, K. J., Mortensen, J., Van Boven, R. W., Cohen, L. G. Bihemispheric plasticity after acute hand deafferentation. <i>Supplements to Clinical Neurophysiology</i> . 2003;56 :232-41. | Publication type |
| Wetzel, F. T., LaRocca, S. H., Adinolfi, M. The treatment of chronic extremity pain in failed lumbar surgery. The role of lumbar sympathectomy. <i>Spine</i> . 1992;17(12):1462-8. | Not intervention of interest |
| Weyland, A., Weyland, W., Lamersdorf, A., Ensink, F. B., Hildebrandt, J., Kettler, D. [Neurolytic block of the lumbar sympathetic trunk in advanced stages of peripheral arterial occlusive disease]. <i>Anesthesiologie, Intensivmedizin, Notfallmedizin, Schmerztherapie</i> . 1993;28(7):420-6. | Not intervention of interest |
| White, P. F., Issioui, T., Skrivanek, G. D., Early, J. S., Wakefield, C. The use of a continuous popliteal sciatic nerve block after surgery involving the foot and ankle: does it improve the quality of recovery?.[Erratum appears in <i>Anesth Analg</i> . 2003 Dec;97(6):1557]. <i>Anesthesia & Analgesia</i> . 2003;97(5):1303-9. | Not intervention of interest |

| Reference | Exclusion Reason |
|---|------------------------------|
| Whiteley, B., Rees, S. A randomized controlled trial to compare two techniques for partial digital local anesthetic blocks. <i>Journal of Foot & Ankle Surgery</i> . 2010;49(2):143-6. | Not intervention of interest |
| Whiteside, D. P., Remedios, A. M., Black, S. R., Finn-Bodner, S. T. Meloxicam and surgical denervation of the coxofemoral joint for the treatment of degenerative osteoarthritis in a Bengal tiger (<i>Panthera tigris tigris</i>). <i>Journal of Zoo & Wildlife Medicine</i> . 2006;37(3):416-9. | Not appropriate population |
| Whiting, D. J., Williams, B. A., Orebaugh, S. L., Toshok, R. R. Case report: postoperative analgesia and preserved motor function with clonidine and buprenorphine via a sciatic perineural catheter. <i>Journal of Clinical Anesthesia</i> . 2009;21(4):297-9. | Not intervention of interest |
| Wiesmann, T., Feldmann, C., Muller, H. H., Nentwig, L., Beermann, A., El-Zayat, B. F., Zoremba, M., Wulf, H., Steinfeldt, T. Phrenic palsy and analgesic quality of continuous supraclavicular vs. interscalene plexus blocks after shoulder surgery. <i>Acta Anaesthesiologica Scandinavica</i> . 2016;60(8):1142-51. | Not intervention of interest |
| Wiesmann, T., Piechowiak, K., Duderstadt, S., Haupt, D., Schmitt, J., Eschbach, D., Feldmann, C., Wulf, H., Zoremba, M., Steinfeldt, T. Continuous adductor canal block versus continuous femoral nerve block after total knee arthroplasty for mobilisation capability and pain treatment: a randomised and blinded clinical trial. <i>Archives of Orthopaedic & Trauma Surgery</i> . 2016;136(3):397-406. | Not intervention of interest |
| Wijeyaratne, S. M., Seneviratne, L. N., Umashankar, K., Perera, N. D. Minimal access is not maximal safety: pelviureteric necrosis following percutaneous chemical lumbar sympathectomy. <i>BMJ Case Reports</i> . 2010;20 :20. | Publication type |
| Wilhelm, A. Partial joint denervation: wrist, shoulder, and elbow. <i>Plastic & Reconstructive Surgery</i> . 2010;126(1):345-7. | Publication type |
| Wilhelm, A. Tennis elbow: treatment of resistant cases by denervation. <i>Journal of Hand Surgery - British Volume</i> . 1996;21(4):523-33. | No outcome of interest |
| Williams, A. P., Germon, T. The value of lumbar dorsal root ganglion blocks in predicting the response to decompressive surgery in patients with diagnostic doubt. <i>Spine Journal: Official Journal of the North American Spine Society</i> . 2015;15(3 Suppl):S44-9. | Not intervention of interest |
| Williams, B. A. Forecast for perineural analgesia procedures for ambulatory surgery of the knee, foot, and ankle: applying patient-centered paradigm shifts. <i>International Anesthesiology Clinics</i> . 2012;50(1):126-42. | Not intervention of interest |
| Williams, B. A., Dang, Q., Bost, J. E., Irrgang, J. J., Orebaugh, S. L., Bottegal, M. T., Kentor, M. L. General health and knee function outcomes from 7 days to 12 weeks after spinal anesthesia and multimodal analgesia for anterior cruciate ligament reconstruction. <i>Anesthesia & Analgesia</i> . 2009;108(4):1296-302. | Not intervention of interest |

| Reference | Exclusion Reason |
|---|------------------------------|
| Williams, B. A., Kentor, M. L., Bottegal, M. T. The incidence of falls at home in patients with perineural femoral catheters: a retrospective summary of a randomized clinical trial. <i>Anesthesia & Analgesia</i> . 2007;104(4):1002. | Not intervention of interest |
| Williams, B. A., Kentor, M. L., Vogt, M. T., Williams, J. P., Chelly, J. E., Valalik, S., Harner, C. D., Fu, F. H. Femoral-sciatic nerve blocks for complex outpatient knee surgery are associated with less postoperative pain before same-day discharge: a review of 1,200 consecutive cases from the period 1996-1999. <i>Anesthesiology</i> . 2003;98(5):1206-13. | Not intervention of interest |
| Williams, H., Paringe, V., Shenoy, S., Michaels, P., Ramesh, B. Standard preoperative analgesia with or without fascia iliaca compartment block for femoral neck fractures. <i>Journal of Orthopaedic Surgery</i> . 2016;24(1):31-5. | Not intervention of interest |
| Williams, J. G., Lalonde, D. H. Randomized comparison of the single-injection volar subcutaneous block and the two-injection dorsal block for digital anesthesia. <i>Plastic & Reconstructive Surgery</i> . 2006;118(5):1195-200. | Not intervention of interest |
| Wilppula, E., Jussila, P. Spinal nerve block. A diagnostic test in sciatica. <i>Acta Orthopaedica Scandinavica</i> . 1977;48(5):458-60. | Not intervention of interest |
| Wilson, A. T., Nicholson, E., Burton, L., Wild, C. Analgesia for day-case shoulder surgery. <i>British Journal of Anaesthesia</i> . 2004;92(3):414-5. | Not intervention of interest |
| Winkler, T., Suda, A. J., Dumitrescu, R. V., Pinggera, O., Weber, G., Loho, G., Schneider, B., Wurnig, C. Interscalene versus subacromial continuous infusion of ropivacaine after arthroscopic acromioplasty: a randomized controlled trial. <i>Journal of Shoulder & Elbow Surgery</i> . 2009;18(4):566-72. | Not intervention of interest |
| Wolff, A. P., Groen, G. J., Wilder-Smith, O. H., Richardson, J., van Egmond, J., Crul, B. J. Do diagnostic segmental nerve root blocks in chronic low back pain patients with radiation to the leg lack distinct sensory effects? A preliminary study. <i>British Journal of Anaesthesia</i> . 2006;96(2):253-8. | Not intervention of interest |
| Wong, J., Bremer, N., Weyker, P. D., Webb, C. A. Ultrasound-Guided Genicular Nerve Thermal Radiofrequency Ablation for Chronic Knee Pain. <i>Case Reports in Anesthesiology</i> . 2016;2016 :8292450. | Observational study n < 10 |
| Woo, A., Tharakan, L., Vargulescu, R. Stellate Ganglion Block for Painful Congenital Venous Malformation of the Arm. <i>Pain Practice</i> . 2015;15(6):E65-8. | Not intervention of interest |
| Woo, J. H., Kim, Y. J., Baik, H. J., Han, J. I., Chung, R. K. Does intravenous ketamine enhance analgesia after arthroscopic shoulder surgery with ultrasound guided single-injection interscalene block?: a randomized, prospective, double-blind trial. <i>Journal of Korean Medical Science</i> . 2014;29(7):1001-6. | Not intervention of interest |

| Reference | Exclusion Reason |
|--|------------------------------|
| Woo, J. H., Park, H. S., Kim, S. C., Kim, Y. H. The effect of lumbar sympathetic ganglion block on gynecologic cancer-related lymphedema. <i>Pain Physician</i> . 2013;16(4):345-52. | Not intervention of interest |
| Wroe, P., O'Shea, R., Johnson, B., Hoffman, R., Nagdev, A. Ultrasound-guided forearm nerve blocks for hand blast injuries: case series and multidisciplinary protocol. <i>American Journal of Emergency Medicine</i> . 2016;34(9):1895-7. | Not intervention of interest |
| Wu, H., Groner, J. Pulsed radiofrequency treatment of articular branches of the obturator and femoral nerves for management of hip joint pain. <i>Pain Practice</i> . 2007;7(4):341-4. | Publication type |
| Wu, P. T., Lee, J. S., Wu, K. C., Wu, T. T., Shao, C. J., Liang, F. W., Chern, T. C., Su, F. C., Jou, I. M. Ultrasound-Guided Percutaneous Radiofrequency Lesioning When Treating Recalcitrant Plantar Fasciitis: Clinical Results. <i>Ultraschall in der Medizin</i> . 2016;37(1):56-62. | Not intervention of interest |
| Wu, Y. T., Ho, C. W., Chen, Y. L., Li, T. Y., Lee, K. C., Chen, L. C. Ultrasound-guided pulsed radiofrequency stimulation of the suprascapular nerve for adhesive capsulitis: a prospective, randomized, controlled trial. <i>Anesthesia & Analgesia</i> . 2014;119(3):686-92. | Not intervention of interest |
| Wu, Z., Toh, K., Nagata, K., Kukita, T., Iijima, T. Effect of the resection of the sciatic nerve on the Th1/Th2 balance in the synovia of the ankle joint of adjuvant arthritic rats. <i>Histochemistry & Cell Biology</i> . 2004;121(2):141-7. | Not appropriate population |
| Wulf, H., Lowe, J., Gnutzmann, K. H., Steinfeldt, T. Femoral nerve block with ropivacaine or bupivacaine in day case anterior crucial ligament reconstruction. <i>Acta Anaesthesiologica Scandinavica</i> . 2010;54(4):414-20. | Not intervention of interest |
| Wurm, W. H., Concepcion, M., Sternlicht, A., Carabuena, J. M., Robelen, G., Goudas, L. C., Strassels, S. A., Carr, D. B. Preoperative interscalene block for elective shoulder surgery: loss of benefit over early postoperative block after patient discharge to home. <i>Anesthesia & Analgesia</i> . 2003;97(6):1620-6. | Not intervention of interest |
| Xavier, A. V., McDanal, J., Kissin, I. Relief of sciatic radicular pain by sciatic nerve block. <i>Anesthesia & Analgesia</i> . 1988;67(12):1177-80. | Not intervention of interest |
| Xie, X., Pei, F., Huang, Z., Tan, Z., Yang, Z., Kang, P. Does patellar denervation reduce post-operative anterior knee pain after total knee arthroplasty?. <i>Knee Surgery, Sports Traumatology, Arthroscopy</i> . 2015;23(6):1808-15. | Not intervention of interest |
| Xie, Z., Hussain, W., Cutter, T. W., Apfelbaum, J. L., Drum, M. L., Manning, D. W. Three-in-one nerve block with different concentrations of bupivacaine in total knee arthroplasty: randomized, placebo-controlled, double-blind trial. <i>Journal of Arthroplasty</i> . 2012;27(5):673-8.e1. | Not intervention of interest |

| Reference | Exclusion Reason |
|--|------------------------------|
| Xu, J., Chen, X. M., Ma, C. K., Wang, X. R. Peripheral nerve blocks for postoperative pain after major knee surgery. <i>Cochrane Database of Systematic Reviews</i> . 2014; (12):CD010937. | Not intervention of interest |
| Yabut, M. S., Shipley, E. R., Whitney, M. L., Jakositz, A. K., Larkin, E. A., Vizzutti, M. A. Outcomes of emergency nurse-administered digital blocks in a community hospital emergency department. <i>Journal of Emergency Nursing</i> . 2014;40(4):e73-82. | Not intervention of interest |
| YaDeau, J. T., LaSala, V. R., Paroli, L., Kahn, R. L., Jules-Elysee, K. M., Levine, D. S., Wukovits, B. L., Lipnitsky, J. Y. Clonidine and analgesic duration after popliteal fossa nerve blockade: randomized, double-blind, placebo-controlled study. <i>Anesthesia & Analgesia</i> . 2008;106(6):1916-20. | Not intervention of interest |
| YaDeau, J. T., Paroli, L., Fields, K. G., Kahn, R. L., LaSala, V. R., Jules-Elysee, K. M., Kim, D. H., Haskins, S. C., Hedden, J., Goon, A., Roberts, M. M., Levine, D. S. Addition of Dexamethasone and Buprenorphine to Bupivacaine Sciatic Nerve Block: A Randomized Controlled Trial. <i>Regional Anesthesia & Pain Medicine</i> . 2015;40(4):321-9. | Not intervention of interest |
| Yamamoto, H., Sakura, S., Wada, M., Shido, A. A prospective, randomized comparison between single- and multiple-injection techniques for ultrasound-guided subgluteal sciatic nerve block. <i>Anesthesia & Analgesia</i> . 2014;119(6):1442-8. | Not intervention of interest |
| Yamanaka, H., Obata, K., Kobayashi, K., Dai, Y., Fukuoka, T., Noguchi, K. Activation of fibroblast growth factor receptor by axotomy, through downstream p38 in dorsal root ganglion, contributes to neuropathic pain. <i>Neuroscience</i> . 2007;150(1):202-11. | Not intervention of interest |
| Yan, Z., Yang, L., Guo, L., Wang, F. [Effectiveness of arthroscopic bipolar radiofrequency energy for lateral meniscus tear and cartilage injury]. <i>Chung-Kuo Hsiu Fu Chung Chien Wai Ko Tsa Chih/Chinese Journal of Reparative & Reconstructive Surgery</i> . 2014;28(1):13-6. | Not intervention of interest |
| Yang, C. W., Jung, S. M., Kang, P. S., Kwon, H. U., Cho, C. K., Lee, Y., Kim, C. W., Kim, S. Y. A randomized comparison of ropivacaine 0.1% and 0.2% for continuous interscalene block after shoulder surgery. <i>Anesthesia & Analgesia</i> . 2013;116(3):730-3. | Not intervention of interest |
| Yang, C. W., Jung, S. M., Kwon, H. U., Kang, P. S., Cho, C. K., Oh, J. Y., Lee, Y., Choi, J. A comparison of posterior and medial cord stimulation for neurostimulation-guided vertical infraclavicular block: a randomized noninferiority clinical trial. <i>Anesthesia & Analgesia</i> . 2014;118(4):874-8. | Not intervention of interest |
| Yang, H. J., Peng, K. R., Hu, S. J. [Analgesic effects of chemical lumbar sympathectomy on refractory pain in the lower limbs]. <i>Nan Fang Yi Ke Da Xue Xue Bao = Journal of Southern Medical University</i> . 2008;28(11):1968-70. | Not in English |

| Reference | Exclusion Reason |
|---|------------------------------|
| Yang, X. D., Zhang, P. P., Zhang, Y., Gu, G. S. [Causes of perioperative pain and the pain management in total knee arthroplasty]. <i>Zhongguo Gushang</i> . 2015;28(9):874-80. | Not intervention of interest |
| Yao, J., Zeng, Z., Jiao, Z. H., Wang, A. Z., Wang, J., Yu, A. Optimal effective concentration of ropivacaine for postoperative analgesia by single-shot femoral-sciatic nerve block in outpatient knee arthroscopy. <i>Journal of International Medical Research</i> . 2013;41(2):395-403. | Not intervention of interest |
| Yarnitsky, D., Ochoa, J. L. Release of cold-induced burning pain by block of cold-specific afferent input. <i>Brain</i> . 1990;113(Pt 4):893-902. | Not intervention of interest |
| Yasar, E., Kesikburun, S., Kilic, C., Guzelkucuk, U., Yazar, F., Tan, A. K. Accuracy of Ultrasound-Guided Genicular Nerve Block: A Cadaveric Study. <i>Pain Physician</i> . 2015;18(5):E899-904. | Not appropriate population |
| Yasura, K., Nakagawa, Y., Kobayashi, M., Kuroki, H., Nakamura, T. Mechanical and biochemical effect of monopolar radiofrequency energy on human articular cartilage: an in vitro study. <i>American Journal of Sports Medicine</i> . 2006;34(8):1322-7. | Not appropriate population |
| Yavuz, F., Yasar, E., Ali Taskaynatan, M., Goktepe, A. S., Tan, A. K. Nerve block of articular branches of the obturator and femoral nerves for the treatment of hip joint pain. <i>Journal of Back & Musculoskeletal Rehabilitation</i> . 2013;26(1):79-83. | Not intervention of interest |
| Ye, L., Mei, Q., Li, M., Gu, M., Ai, Z., Tang, K., Shi, D., Wu, X., Wang, X., Zheng, Y. A comparative efficacy evaluation of ultrasound-guided pulsed radiofrequency treatment in the gastrocnemius in managing plantar heel pain: a randomized and controlled trial. <i>Pain Medicine</i> . 2015;16(4):782-90. | Not intervention of interest |
| Yeap, E. J., Chong, K. W., Yeo, W., Rikhranj, I. S. Radiofrequency coblation for chronic foot and ankle tendinosis. <i>Journal of Orthopaedic Surgery</i> . 2009;17(3):325-30. | Not intervention of interest |
| Yee, T. Recurrent idiopathic lumbosacral plexopathy. <i>Muscle & Nerve</i> . 2000;23(9):1439-42. | Not intervention of interest |
| Yi, J., Xu, L., Lin, H. H. [Varying concentration of ropivacaine with stimulating catheters on sciatic nerve blocking for postoperative analgesia: comparison of efficacy]. <i>Beijing da Xue Xue Bao. Yi Xue Ban/Journal of Peking University. Health Sciences</i> . 2010;42(5):535-8. | Not intervention of interest |
| Yin, Z. G., Zhang, J. B., Kan, S. L., Wang, P. A comparison of traditional digital blocks and single subcutaneous palmar injection blocks at the base of the finger and a meta-analysis of the digital block trials. <i>Journal of Hand Surgery - British Volume</i> . 2006;31(5):547-55. | Not intervention of interest |
| Yokono, A., Yokono, S., Ogli, K. [Relationship between three phase bone scintigram and prognosis after sympathetic blockade in reflex sympathetic | Not intervention of interest |

| Reference | Exclusion Reason |
|--|------------------------------|
| dystrophy of the hand]. <i>Masui - Japanese Journal of Anesthesiology</i> . 1990;39(11):1496-502. | |
| Yokota, K., Matsumoto, T., Murakami, Y., Akiyama, M. Pectoral nerve blocks are useful for axillary sentinel lymph node biopsy in malignant tumors on the upper extremities. <i>International Journal of Dermatology</i> . 2017;56(3):e64-e65. | Not intervention of interest |
| Yokota, K., Matsumoto, T., Murakami, Y., Ando, K., Akiyama, M. Ultrasound-guided peripheral nerve blocks are useful for resections of malignant skin tumours on the leg. <i>European Journal of Dermatology</i> . 2017;27(1):70-72. | Not intervention of interest |
| Yoo, H. S., Nahm, F. S., Lee, P. B., Lee, C. J. Early thoracic sympathetic block improves the treatment effect for upper extremity neuropathic pain. <i>Anesthesia & Analgesia</i> . 2011;113(3):605-9. | Not intervention of interest |
| Yu, B., Zhang, X., Sun, P., Xie, S., Pang, Q. Non-stimulation needle with external indwelling cannula for brachial plexus block and pain management in 62 patients undergoing upper-limb surgery. <i>International Journal of Medical Sciences</i> . 2012;9(9):766-71. | Not intervention of interest |
| Yu, H. P., Liu, Z. H., Guo, W. S., Jiang, H. Y., Zhao, J. [Effect of continuous femoral nerve block in analgesia and the early rehabilitation after total knee replacement]. <i>Zhongguo Gushang</i> . 2010;23(11):825-7. | Not intervention of interest |
| Yuan, Y., Shen, W., Han, Q., Liang, D., Chen, L., Yin, Q., Zhu, W., Xu, H. Clinical observation of pulsed radiofrequency in treatment of knee osteoarthritis. <i>International journal of clinical and experimental medicine</i> . 2016;9(10):20050-20055. | Not intervention of interest |
| Yucel, I., Demiraran, Y., Ozturan, K., Degirmenci, E. Complex regional pain syndrome type I: efficacy of stellate ganglion blockade. <i>Journal of Orthopaedics & Traumatology</i> . 2009;10(4):179-83. | Not intervention of interest |
| Zamprogno, H., Hash, J., Hulse, D. A., Lascelles, B. D. Elbow denervation in dogs: development of an in vivo surgical procedure and pilot testing. <i>Veterinary Journal</i> . 2011;190(2):220-4. | Not appropriate population |
| Zaragoza-Lemus, G., Hernandez-Gasca, V., Espinosa-Gutierrez, A. [Ultrasound-guided continuous infraclavicular block for hand surgery: technical report arm position for perineural catheter placement]. <i>Cirugia y Cirujanos</i> . 2015;83(1):15-22. | Not intervention of interest |
| Zaric, D., Boysen, K., Christiansen, J., Haastrup, U., Kofoed, H., Rawal, N. Continuous popliteal sciatic nerve block for outpatient foot surgery--a randomized, controlled trial. <i>Acta Anaesthesiologica Scandinavica</i> . 2004;48(3):337-41. | Not intervention of interest |

| Reference | Exclusion Reason |
|---|------------------------------|
| Zeltser, R., Beilin, B., Zaslansky, R., Seltzer, Z. Comparison of autotomy behavior induced in rats by various clinically-used neurectomy methods. <i>Pain</i> . 2000;89(1):19-24. | Not appropriate population |
| Zeng, C., Gao, S. G., Lei, G. H. Comment on Laufer et al. entitled "Effectiveness of thermal and athermal short-wave diathermy for the management of knee osteoarthritis: a systematic review and meta-analysis". <i>Osteoarthritis & Cartilage</i> . 2014;22(4):605-6. | Publication type |
| Zha, G., Liu, Y. J., Yuan, B. T., Shen, X. Z., Qu, F., Wang, J. T., Qi, W., Zhu, J. L., Liu, Y. [Arthroscopic patelloplasty and circumpatellar denervation for the treatment of patellofemoral osteoarthritis]. <i>Zhongguo Gushang</i> . 2015;28(6):542-6. | Not in English |
| Zhang, P., Liu, H., Yan, W. S., Wang, W. L. Is patellar denervation necessary in total knee arthroplasty without patellar resurfacing?. <i>Knee Surgery, Sports Traumatology, Arthroscopy</i> . 2016;24(8):2541-9. | Not intervention of interest |
| Zhang, Y., Huang, W., Zhong, B. [Application of isoionic microtrauma arthroscope on treatment of knee arthropathy]. <i>Chung-Kuo Hsiu Fu Chung Chien Wai Ko Tsa Chih/Chinese Journal of Reparative & Reconstructive Surgery</i> . 2005;19(8):611-2. | Not intervention of interest |
| Zhao, G., Liu, Y., Yuan, B., Shen, X., Qu, F., Wang, J., Qi, W., Zhu, J., Liu, Y. Arthroscopic patelloplasty and circumpatellar denervation for the treatment of patellofemoral osteoarthritis. <i>Chinese Medical Journal</i> . 2015;128(1):79-84. | Not intervention of interest |
| Zhao, M. W., Tian, H., Wang, N., Li, M., Geng, X., Zhou, Q. Y. [Assessment for pain control efficiency of ultrasound guided adductor canal block in total knee arthroplasty: a report of 28 continuous cases]. <i>Chung-Hua i Hsueh Tsa Chih [Chinese Medical Journal]</i> . 2016;96(35):2813-2817. | Not intervention of interest |
| Zhao, M. W., Wang, N., Zeng, L., Li, M., Zhao, Z. K., Zhang, H., Tian, H. [Comparison for clinical efficiency of continuous adductor canal block and femoral nerve block in total knee arthroplasty]. <i>Beijing da Xue Xue Bao. Yi Xue Ban/Journal of Peking University. Health Sciences</i> . 2017;49(1):142-7. | Not intervention of interest |
| Zhivolupov, S. A., Vorob'eva, M. N., Samartsev, I. N., Rashidov, N. A. [Innovation in differential diagnosis and monitoring of rational therapy in patients with lumbosacral radiculopathies]. <i>Zhurnal Nevrologii i Psikiatrii Imeni S.S. Korsakova</i> . 2014;114(8):25-31. | Not intervention of interest |
| Zhu, H., Zhou, X. Z., Cheng, M. H., Shen, Y. X., Dong, Q. R. The efficacy of coblation nucleoplasty for protrusion of lumbar intervertebral disc at a two-year follow-up. <i>International Orthopaedics</i> . 2011;35(11):1677-82. | Not intervention of interest |
| Zhu, Y. F., Henry, J. L. Excitability of Abeta sensory neurons is altered in an animal model of peripheral neuropathy. <i>BMC Neuroscience</i> . 2012;13 :15. | Not appropriate population |

| Reference | Exclusion Reason |
|--|------------------------------|
| Ziemann, U., Wittenberg, G. F., Cohen, L. G. Stimulation-induced within-representation and across-representation plasticity in human motor cortex. <i>Journal of Neuroscience</i> . 2002;22(13):5563-71. | Not intervention of interest |
| Zimmermann, I., Kubatov, M., Renner, A., Viola, T. [Selective denervation of the wrist joint]. <i>Magyar Traumatologia, Orthopaedia Es Helyreallito Sebeszet</i> . 1991;34(3):181-6. | Not in English |
| Zoloev, G. K., Litvinovskii, S. V., Koval, O. A. [Surgical treatment policy during motor rehabilitation of patients with a single ischemic lower extremity]. <i>Angiologiya i Sosudistaia Khirurgiya/Angiology & Vascular Surgery</i> . 2003;9(2):106-10. | Not in English |
| Zoremba, M., Kratz, T., Dette, F., Wulf, H., Steinfeldt, T., Wiesmann, T. Supplemental Interscalene Blockade to General Anesthesia for Shoulder Arthroscopy: Effects on Fast Track Capability, Analgesic Quality, and Lung Function. <i>BioMed Research International</i> . 2015;2015 :325012. | Not intervention of interest |
| Zorzi, C., Dall'Oca, C., Cadossi, R., Setti, S. Effects of pulsed electromagnetic fields on patients' recovery after arthroscopic surgery: prospective, randomized and double-blind study. <i>Knee surgery, sports traumatology, arthroscopy</i> . 2007;15(7):830-834. | Not intervention of interest |
| Zou, Y. G., Chen, Z. W., Feng, Z. Q., Xing, J. S. [Factors related to anterior knee pain after total knee arthroplasty]. <i>Nan Fang Yi Ke Da Xue Xue Bao = Journal of Southern Medical University</i> . 2011;31(8):1428-30. | Not intervention of interest |
| Zyluk, A., Puchalski, P. Complex regional pain syndrome: observations on diagnosis, treatment and definition of a new subgroup. <i>Journal of Hand Surgery: European Volume</i> . 2013;38(6):599-606. | Not intervention of interest |